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"CANADA'S PREMIER SEED HOUSE"

ESTABLISHED 1856

SIMMERS' ANNUAL SEED CATALOGUE

TORONTO.

GIANT BRANCHING ASTER

PURE WHITE ..... PKT. 10¢
BRIGHT CRIMSON ..... PKT. 10¢
BLUE ..... PKT. 10¢

VERBENA

LARGE FLOWERING
MIXED ..... PKT. 10¢

SPECIAL OFFER

Floral Collection

ONE PKT. OF EACH FOR 35¢ POST PAID

SIMMERS' "TORONTO PARKS" LAWN GRASS SEED

Is the Best for our Canadian Climate. With it you can make LAWNS, GRASS PLOTS, CRICKET GROUNDS, GOLF LINKS, TENNIS COURTS, ETC., as soft as velvet and as green as emerald all summer long. Price 25c per pound, postpaid 30c per pound.

Simmers' "Toronto Parks" Grass Seed will form a close, thick turf in a few weeks' time, with no tendency to stool or grow in clumps. It roots deeply and withstands severe droughts without turning brown, maintaining its beautiful deep green color throughout the season. We have made the formation of permanent lawns a study for years, and the finest lawns in this country to-day were obtained by using our "Toronto Parks" Lawn Grass Seed, which is composed of various grasses that grow and flourish during different months of the year, so that a rich, deep green velvety lawn is constantly maintained, rivaling the famous lawns of Old England.

If people only knew how comparatively easy it is to make a lawn with our "Toronto Parks" Lawn Grass Seed, the days of using sod, with all the attendant expense, would soon be over.

The quantity required for making new lawns is 80 to 100 lbs per acre, or for renovating old lawns, 30 to 50 lbs. For a plot 15x20, or 300 square feet, 1 lb is required for new, or ½ lb for renovating old lawns. We furnish it in large or small quantities to suit the pretentious lawn or the modest dooryard plot.

A beautiful lawn, with its close, velvety turf, is a most essential feature in the adornment of all suburban homes—without it the finest flowering plants and bedding seem insignificant, while with it, handsome grounds are assured, even with no other adornment.

TORONTO PARKS MIXTURE, Finest quality (with or without White Clover)—Per lb 25c, postpaid 30c; 5 lbs $1.15, 10 lbs $2.20, 25 lbs $5.25, 50 lbs $10.00, 100 lbs $20.00. (Carriage extra.)

White Dutch Clover, for mixing with Lawn Grass Seed—Per lb 30c; postpaid 35c.

"SHADY NOOK" MIXTURE—For sowing under trees and in shady places. It will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 40 lbs per acre. Per lb 35c, postpaid 40c.

"GOLF LINKS" GRASS SEED—The mixture we offer is comprised of such varieties of grasses as will thrive here, and such as have given general satisfaction on many golf courses. Lb 25c, 10 lb $2.20, 100 lb $20.00.

BLUE GRASS, for Lawns, Extra Clean—Per lb 15c, 20c postpaid; 10 lbs $1.40.

RED TOP, for Lawns, Extra Clean—Per lb 15c, 20c postpaid, 5 lbs 70c, 10 lbs $1.40.

Simmers' Lawn Enricher—10 lb sufficient for 300 square feet. This Dressing is so prepared that it acts gradually through the season, producing a luxuriant growth of grass without weeds, which are always produced when manure is used. 5 lbs 50c, 10 lbs 75c, 25 lbs $1.25, 50 lb $2.00, 100 lbs $3.50.

The Pennsylvania Hand Lawn Mowers

The Latest Improved, Easiest Running and Handsomest Mowers Made

CIRCULARS ON APPLICATION

In buying the **Pennsylvania** you have satisfaction in knowing you have a Lawn Mower that will do double the work each season with less repair and have a Lawn Mower for future use when others are consigned to the old iron pile.

Each machine is warranted to work as represented.

The Pennsylvania Low Wheel Lawn Mower

10 inch, 8 inch wheel	$8 50	16 inch, 8 inch wheel	$11 00
12 " " "	9 00	18 " " "	13 00
14 " " "	10 00		

The Pennsylvania High Wheel Lawn Mower

15 inch, 10½ inch wheel	$14 00	19 inch, 10½ inch wheel	$18 00
17 " " "	16 00	21 " " "	21 00

Pennsylvania Junior

This High Wheel Mower, with the ball-bearing feature, suggests great power. In high and tangled grass, the least amount of exertion is required. On uneven ground this machine cuts the grass smoothly and uniformly.

Five knife cylinder, 10 inch wheel—14 inch, $15; 17 inch, $17.00; 19 inch, $19.00; 21 inch, $22.00.

Pennsylvania Golf Lawn Mower

The Pennsylvania Golf Lawn Mower has extra strengthened open cylinder, six cast-steel hardened and tempered cutting knives, double train of gears, solid cast-steel bed knife, and will cut the thickest lawn without ridges to within ⅜ of an inch of the ground.

Low wheel, 8 in.		High wheel, 10 in.	
14 inch	$14 00	17 inch	$19 00
16 "	16 00	19 "	21 00
18 "	18 00	21 "	24 00

Pennsylvania Horse Lawn Mower

30-inch, 4 knives, (open ylinder) with handles and draft irons; width of cut, 30 inches; weight complete 396 pounds $90 00
38-inch, 4 knives, open cylinder, with handles and draft irons, width of cut 38 inches, weight 440 lbs 120 00
38-inch, six knives, for golf grounds 125 00

Extra for shafts, seat, spring and footboard on above Horse Mowers, $20.00.

Braun Grass Catcher

Adjustable to Pennsylvania Mowers only. For 14, 15, 16, 17, 18 inch mowers, each $2.50. For 19 and 21 inch mowers, $2.75. When ordering mention size of mower.

Canadian Lawn Mowers

The "Woodyatt"—Tool steel knives, oil tempered. Bearings are extra long and adjustable. Best quality material used throughout its construction. Four-knife cylinder, 10½ inch drive wheels. Made with grass box attachment. 10½ inch High Wheel (four blades)—12 inch $4.50 14 inch, $4.75; 16 inch, $5.00; 18 inch, $5.25.

The "Star"—Cast steel knives, oil tempered. Adjustable half-b bearings on cylinder shaft. Adjustable bottom knife. Wood rollers hard maple. Three-knife cylinder; 9 inch drive wheels. 9 inch Op Wheel (three blades)—12 inch, $3.25; 14 inch, $3.50; 16 inch, $3.75.

Champion Lawn Mower Sharpener

Price, each $1.00. Circular on application.

OUR GREAT 1903 WHITE OAT

The Last and Best of Many New Varieties

SEED OATS

Sheffield Standard

J. A. SIMMERS,

DEAR SIR,—The one bushel of Sheffield Standard Oats which I got from you last spring has given me a handsome return. I threshed (58) fifty-eight bushels by weight from the one bushel sown, besides there was a good deal shaken out.

Yours truly,
WM. WARD.

WE have secured a splendid stock of this valuable oat and again offer it to our friends. We say again that we have never seen its equal, and that it is, without doubt, the heaviest cropping and handsomest oat ever introduced. Such words truthfully stated are certainly a great recommendation. We say further: "This New White Oat has done remarkably well in Canada ever since it has been grown here." (See testimonial above.)

The following are a few of its points of excellence: It is very early, and has shown itself proof against **Rust and Smut.** Its good results as a yielder—80 to 100 bushels per acre—weight of grain, 40 to 45 pounds per measured bushel. Further, the stem is stiff and strong, the grain is large and the hull very thin.

In one of our fields, after threshing and cleaning for seed, the yield was 90 bushels per acre of large, plump, handsome meaty, white grain, weighing 44 lbs. to the bushel. This can be partly attributed to the fact that in many cases the spikes or breast will contain **three full kernels** where other oats give but two. The straw is very strong and does not lodge even when others with less weight of grain in the head go down. The blade is nearly double the size of that of ordinary oats, which is the best evidence of its inherent vigor.

This new oat is remarkable for its heavy stooling property, and for this reason 6 pecks (1½ bushels) is sufficient to seed an acre.

PRICE FOR 1904

Lb. 20c., 3 lbs. - - -		40c., postpaid.
Peck, - - - - - -	$0 40	By Express or Freight.
Bushel, - - - - - -	1 20	
2 " - - - - - -	2 20	
5 " - - - - - -	5 00	

COTTON BAGS INCLUDED.

"Sheffield Standard" Oat

Imperial Giant Half-Sugar Beet

Quite Distinct from Any Other Root in Cultivation

This root unites the large size of the mangel with the greater feeding value of the sugar beet. The roots are always regular and uniform, broad at the top with a full and only slightly tapering shoulder. They measure five to six inches in diameter at broadest part, which is very near the top. The roots slope gradually, the length averaging ten to twelve inches, and the outline is that of a broad thick wedge. This smooth wedge-like form is of a great advantage in harvesting, as the roots can be pulled out of the ground easily. The upper portion is of a *soft, bright pink* coloring, shading lighter toward the bottom where the lower portion for about one-third the length is white. The skin is as tender as in a fine table beet, while the flesh is pure white, firm, crisp and very sweet. ¼ lb 10c, lb 25c, 4 lb and over 22c lb. Postage, 5 cents per lb extra.

Imperial Giant Half-Sugar Beet

Please Introduce Our Catalogue Among Your Friends. Having gone to great expense in issuing this illustrated and descriptive catalogue, and considering that we **MAIL IT FREE OF CHARGE,** we trust that our Friends and Customers will see that it is placed where it may be serviceable and remunerative to us, kindly recommending our firm. For this we shall be extremely thankful. Those who receive our Catalogue from year to year, and who have no use for it, would confer a great favor by telling us so, and by giving us, if possible, the name of some one to whom it would be a benefit.

J. A. SIMMERS, TORONTO, CANADA.

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MAIL ORDERS **So simple; so sure. Select from this Catalogue what's wanted. Order by mail, and you can depend on the minutest wants being supplied.**

NEW CUSTOMERS As this Catalogue will reach many who have never had our Seeds, we would urge such to send **A TRIAL ORDER,** no matter how small, and although you may be satisfied with seeds bought elsewhere, we believe our **SPECIAL STRAINS** of many of the newer varieties will make them as profitable to you as they have been to thousands of others who are now regular customers. **Orders by Mail a Specialty.**

J. A. SIMMERS

Novelties and Specialties in Vegetable Seeds, 1904

Simmers' Earliest Tomato

Earliest Tomato Ever Grown . . .

Smooth and round, brilliant scarlet.
Remarkably Prolific and continuous bearer

The best EXTRA EARLY TOMATO in existence (5 days earlier than Atlantic Prize) and unqualifiedly superior in other respects. Its value lies not only in the actual time of ripening its first fruit, but that such enormous quantities of fruit can be gathered, while all other so-called "Earliest" are ripening only a few. The fruits are of good size, perfectly round and remarkably handsome, smooth as glass and of brilliant scarlet. The flesh is remarkably solid, having but few seeds. The flavor is perfect, absolutely free from any acidity. The fruits are borne in large clusters, in phenomenal abundance. We highly recommend it, not only for its extreme and bountiful earliness, but as a good, all-season variety. It is especially suitable for growing under glass. (See cut). Pkt **10c**, 3 pkts **25c**, oz **50c**, 2 oz **90c**.

SIMMERS' EARLIEST TOMATO

Livingston's Dwarf Stone Tomato

The Biggest-Fruited Dwarf Red

In 1893 Livingston's Dwarf Aristocrat was introduced, the first dwarf red variety of real value ever sent out, and the best one until 1902, when this new one was offered—**Livingston's Dwarf Stone.** Its fruits average about double the size of the Aristocrat, and nearly as large as Livingston's Stone, the well-known, largest fruited, standard red variety, and yet come equally as early as Aristocrat; is more productive because of size, and consequently more profitable to grow, either in the field or under glass. The strong, upright habit of growth permits of close planting—as near as 18 by 24 inches—and produces an abundant crop. The shape of fruit is beautifully smooth; free from cracks about stem; grows solid; ripens evenly and is of excellent quality. **Livingston's Dwarf Stone** will easily find a permanent place among our other standard sorts on account of its increased productiveness owing to large size. Pkt **15c**, 2 pkts **25c**, oz **50c**.

Livingston's Dwarf Stone Tomato

FROGMORE SELECT

This is a magnificent new scarlet-fruited Tomato of finest quality, handsome appearance, medium large size, and immense productiveness. The vines are of vigorous growth and abundant foliage. The fruits, set in clusters, are very even and regular in size, averaging three inches in diameter and two to two and a half inches through from stem to blossom end. Color, brightest scarlet; perfectly smooth and free from cracks; the interior is very meaty, having an extra large and entirely solid centre, but no hard or green core, being evenly ripened throughout. Seed-cells few and extremely small, with very few seeds. It ripens with the second earliest and yields abundantly throughout the season. Excellent for forcing.
Pkt **10c**, 3 pkts **25c**, oz **50c**, 2 oz **90c**.

"Dry-Weather" Cauliflower

A distinct strain from Denmark, similar in growth to early Erfurt. It produces equally large, solid, pure white heads and is only about a week later in heading. It is adapted for growing in dry locations, where other varieties fail to produce heads. It is essential, however, to secure the best heads, to make soil quite rich and give thorough cultivation, so as to induce a strong, rapid growth. While especially adapted for growing in dry locations, it will produce heads equally as fine in more favorable situations.

Price **25c**, ¼ oz **75c**, oz **$2.50**, ¼ lb **$9.00**.

New "Dry-Weather" Cauliflower

"Willow-Leaf" Bush Lima Bean

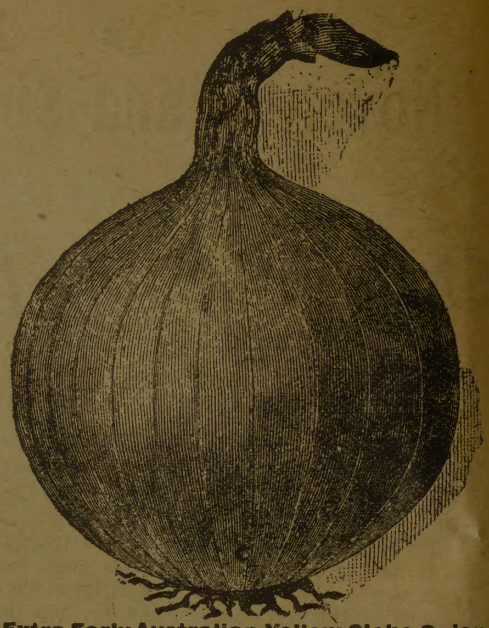
The plants of this new variety are always of the true bush type, with the most distinct and ornamental foliage. Pkt **10c**, lb **20c**, 2 lb **35c**, 5 lb **80c**.

NEW EXTRA EARLY

AUSTRALIAN YELLOW GLOBE ONION

The bulbs of this NEW AUSTRALIAN YELLOW GLOBE are globe-shaped—*see illustration from a photograph.* The skin is a light brownish yellow, similar to the Globe Danvers, but a little lighter, while the bulbs are *slightly larger.* From their solidity they are heavier, a bushel weighing several pounds more than a bushel of American Danvers—an important feature where bulbs are sold by weight. An average onion measures about three inches in diameter each way, weighing about seven ounces. The onions are thin-necked and ripen evenly in all soils ; the plants do not make any second growth. The flesh is pure white, very solid, and exceptionally mild in flavor. As the plants grow quickly, the bulbs mature *extra early,* and this in connection with their *exceptional keeping qualities* makes them profitable to plant for market. The AUSTRALIAN YELLOW GLOBE is truly remarkable in productiveness.

Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.20.



Extra Early Australian Yellow Globe Onion

Golden Carmine Podded Horticultural Pole Bean

EXCELS IN EARLINESS, QUALITY, HANDSOME APPEARANCE AND PRODUCTIVENESS

In this new strain we have a wonderfully robust grower, a week to ten days earlier than all others. In comparison, the pods are equally as large, stringless, bright golden color when very young. As the pods approach full size, they are mottled and streaked with an unusually bright carmine color on the bright golden, which gives the pods (when ready for market) a strikingly beautiful and attractive appearance. This, together with its productiveness, will make it the most desirable strain of this well known and popular bean.

Pkt 10c, 3 pkts for 25c, lb 30c.

New Corn—"Premo"

One of the largest growers and most expert judges of the merits of Sweet Corn says of Premo : "It is the earliest Sweet Corn I ever grew or saw." And the ears are certainly much larger than those of other early varieties. The stalks grow about 5 feet high, and are very vigorous, generally bearing two well developed ears to a stalk. It is quite hardy, so much so that it can be planted earlier than some of the other varieties.

Pkt 10c, pt 20c, postpaid 25c ; qt 35c, postpaid 45c, 5 lbs 80c.

Monarch Evergreen Corn

This grand variety of corn is the old FAVORITE STOWELL'S EVERGREEN, only it is some 10 days to 2 weeks earlier, which makes it of GREAT MERIT to those customers who have found Stowell's a little too late for them. It has the same long GRAIN, the same LARGE EAR, the same NUMBER of ROWS on the cobs as the old Stowell's, but it is 2 weeks earlier. Nothing more need be said in favor of Monarch Evergreen, for it is Stowell's only it is earlier and Stowell's has been the best variety of sugar corn until this recent introduction.

Pkt 5c, lb 15c, postpaid 20c ; qt 25c, postpaid 35c, 5 lbs 60c.

CABBAGE "GLORY OF ENKHUIZEN"

Large, White, Compact, Early Grower

Of all EARLY white Cabbages in the market there is none to equal this novelty. It has a great advantage over other early sorts in the large size of its head. The heads of this novelty are very compact, of nice yellow green color and possess a very fine foliage. This kind also has only few leaves, and may be planted closely, the shape of the heads is as round as a ball. **All those good qualities which one expects of an early cabbage.**

Very Early, large, Compact, fine ribbed, of good shape; will no doubt gain a good reception amongst Market Gardeners, as well as amongst private individuals who grow vegetables for their own use.

Pkt 10c, oz 30c, 2 oz 55c, ¼ lb $1.00.

"GLORY OF ENKHUIZEN" CABBAGE

CABBAGE, DARK RED MEDIUM EARLY, "ZENITH"

Really good red Cabbages are not frequent. With some of them the "heads" are pale and do not possess a nice red color, with others the heads are too large and stalky, or they develop too late, and are not properly grown when frosty weather sets in. None of these drawbacks will be found in this novelty red Cabbage "Zenith." This kind has not been surpassed by any other. The head is of medium size, quite dark red and very fine ribbed. In proportion to size of the "head" the plant possesses only few outside leaves. This red cabbage belongs to the medium early growers. Pkt 10c, oz 30c, 2 oz 50c, ¼ lb 90c.

Thos. Laxton Pea

New Pea Thos. Laxton

The growth of the **Thos. Laxton** is identical with that of Gradus, but the pods are a deeper, richer green, square at the end instead of having a long sloping point. In the judgment of experts who have grown the two side by side, the **Thos. Laxton** is even sweeter and finer in flavor than the Gradus, while as the large peas are of a deeper green they present a more attractive appearance on the table. In trials of the two varieties grown side by side, we have noticed that the **Thos. Laxton** is generally three to four days later than Gradus. This point should be kept in mind by growers planting for the earliest market. Postpaid, pkt **10c**, pt **40c**, qt **75c**.

Long White Icicle Radish

Long White "Icicle" Radish—This distinct Radish is the finest and longest of the very early pure white varieties. It is crisp, tender and of mild flavor. Planted in spring, the young radishes are ready for use in twenty to twenty-five days from sowing the seed, and their long, slender form and pure paper-white skin are most attractive when bunched for market. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **75c**.

Radish "Leafless Bright Scarlet"—Extra early, remarkable for the small size of the leaves; the roots grow so quickly they are practically in advance of the leaves, and for that reason it is called *Leafless*. Its peculiar, crumpled leaves are "few and far between." A beautiful bright color and the crisp, tender flesh is excellent. Pkt **5c**, oz **15c**, ¼ lb **45c**, lb **$1.60**.

Leafless Bright Scarlet Radish

GIGANTIC GIBRALTAR ONION

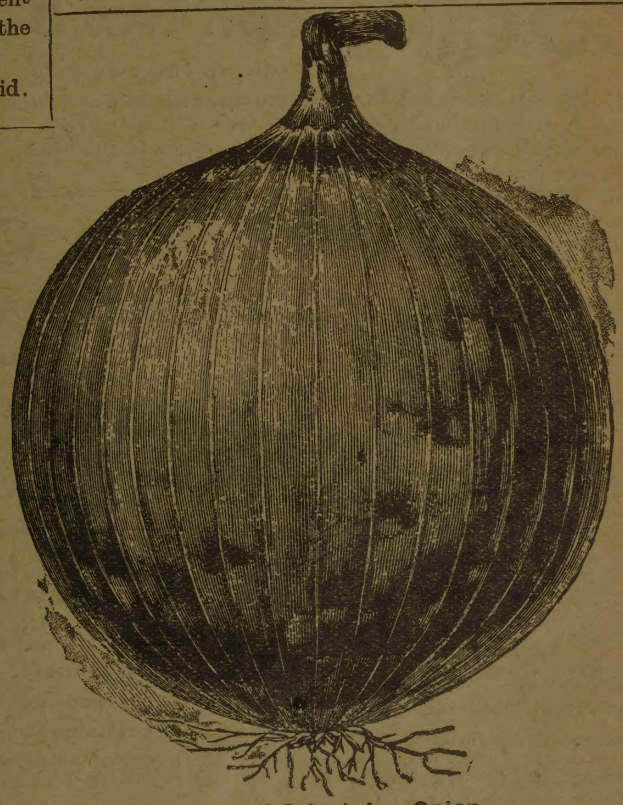
While the ripened bulbs are similar to those of the *Prize Taker* in size and form, it is better adapted to growing in warm, dry locations or seasons. The plants continue in growth longer, and consequently produce larger bulbs. It produces the largest bulbs from spring-sown seed. The thin skin is of light straw color, flesh white, very tender and mild. The onions are excellent for home use while in the growing state during the summer months.

Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2.25**, postpaid.

GIANT RED PRIZETAKER ONION

This variety produces large, perfectly globe-shaped onions of the same size and handsome form as the well-known yellow Prizetaker, but the color is an *extra rich deep red*. This feature, together with its splendid flavor, delights everyone who raises it. Its size will recommend it to all, particularly when it is known that its keeping qualities are unexcelled. By sowing early and transplanting the young plants it can be grown to a very large size. Pkt. **5c**, oz **20c**, 2 oz **30c**, ¼ lb **45c**, lb **$1.65**.

New Gigantic Gibraltar Onion



Giant Red Prizetaker Onion

Lettuce "GIANT GLACIER"

A most excellent variety to plant for a summer supply of fine head lettuce as it *withstands heat and drought to an unusual degree*. It produces fine solid heads when the soil is so dry and the weather so warm that the varieties usually depended upon for a midsummer supply fail.

Pkt 5c, oz 20c, 2 ozs 35c, ¼ lb 50c.

Ornamental Pomegranate *"Queen Ann's Pocket Melon"*

Grows on a pretty vine; its handsome fruit is a lemon-yellow striped with dark orange, varying from the size of a small peach to that of an orange. Very fragrant, sweetly perfuming a room with their pleasant odor for days. Very prolific and easily grown. Pkt 5c, 6 for 25c.

Vegetable Seed Collections

For the

City and Suburban Garden

NOTE—They are free by Mail on Receipt of Price. **Not Subject to any Discount or premiums.**

These Collections Contain
Only True and Tried Kinds

Considering the extremely low rates, *we cannot possibly permit any changes in the varieties.*

No. 1
$
Collection
30 Pkts.

Bean—Simmers' Giant Wax.
Beet—Edmand's Blood Turnip.
Cabbage—Early Jersey Wakefield.
Cabbage—Vandergaw.
Carrot—Scarlet Intermediate.
Celery—Golden Self-blanching.
Celery—White Plume.
Corn, Sweet—Cory.
Corn, Sweet—Ne Plus Ultra.
Citron.
Cucumber—Chicago Pickle.
Cucumber—Long green.
Lettuce—Simmers' Nonpareil.
Lettuce—Simpson's Early.
Muskmelon—Montreal Green Nutmeg.
Watermelon—Cuban Queen.
Onion—Yellow Danvers.
Onion—Prizetaker.
Parsley—Champion Moss Curled.
Parsnip—Improved Hollow Crowned.
Pepper—Sweet Spanish.
Peas—American Wonder.
Peas—Stratagem.
Pumpkin—Mammoth.
Radish—Scarlet Turnip, White Tipped.
Salsify—Mammoth Sandwich Island.
Squash—Summer Crookneck.
Squash—Hubbard.
Turnip—Purple Top, Strap-leaved.
Tomato—Early Ruby.

And Pkt Wild Garden Flower Seed Mixture.

Also a copy of Simmers' Vegetable and Flower Garden.

Contains 30 packets of the best Vegetable Seed, sufficient to furnish vegetables throughout the year, and 1 packet of Flower Seeds, which we will send postpaid to any address in the Dominion of Canada for the extremely low price of **$1.00**.

Garden Collection No. 2

15 Packets for 50c

50c.

Beans—Simmers' Giant Wax.
Beet—Edmand's Blood Turnip.
Carrot—Scarlet Intermediate.
Corn, Sweet—Cory.
Cucumber—White Spine.
Cabbage—Vandergaw.
Celery—White Plume.
Lettuce—Simmers' Nonpareil.
Muskmelon—Green Nutmeg.
Onion—Large Yellow Danvers.
Parsnip—Improved Hollow Crowned.
Parsley—Champion Moss Curled.
Peas—American Wonder.
Radish—Olive Scarlet.
Tomato—Early Ruby.
And pkt Mixed Annual Flower Seeds.

25c.

Garden Collection No. 3

7 PACKETS FOR 25 CENTS.

Beet—Edmand's Blood Turnip.
Carrot—Scarlet Intermediate.
Cucumber—White Spine.
Lettuce—Simmers' Nonpareil.
Muskmelon—Green Nutmeg.
Onion—Yellow Danvers.
Radish—Scarlet Olive-Shaped.

75c.

FARMERS' Vegetable Collection No. 4

Price, 75 Cents

Contains 1 ounce Beet, 1 pound Beans, 1 ounce Carrot, 1 pound Sweet Corn, 1 packet Cucumber, 1 packet Lettuce, 1 packet Watermelon, 1 packet Citron, 1 ounce Onion, 1 packet Parsnip, 1 packet Radish.

Garden Collection No. 5

Suitable for Manitoba and North-West Territories

15 Packets for 50 Cents Postpaid

Beans—Simmers' Giant Wax.
Beans—Broad Windsor.
Beet—Half Long Blood.
Cabbage, Savoy—Large German Drumhead.
Cabbage—Premium Flat Dutch.
Carrot—Early English Horn.
Cauliflower—Demidur.
Celery—Simmers' Large Ribbed Dwarf White.
Corn—First of All.
Lettuce—Hanson.
Onion—Australian Brown.
Parsnips—Guernsey.
Parsley—Triple Curled.
Peas—American Wonder.
Peas—Stratagem.
Radish—Scarlet Olive.
And 1 Pkt Mixed Annual Flower Seeds.

The "City and Suburban" Garden Collection

Price $1.00, Free by Mail. **Contains 17 Distinct Varieties of Vegetables**

Beet—Blood Turnip, 1 pkt.
Beans—Dwarf Snap, yellow wax pod, ½ pt.
Cabbage—Early Jersey Wakefield, 1 pkt.
Carrot—Scarlet Horn, 1 pkt.
Corn—Early Sugar, ½ pt.
Cucumber—Long Green, 1 pkt.
Lettuce—Cos, 1 pkt.
Lettuce—Nonpareil, 1 pkt.
Onion—Yellow Danvers, 1 pkt; Mammoth Silver King, 1 pkt.
Parsley—Triple Curled, 1 pkt.
Peas (none of which require staking)—American Wonder, ½ pt; Stratagem, ½ pt.
Radish—Scarlet Olive, 1 pkt.
Squash—Vegetable Marrow Bush, 1 pkt.
Tomato—Imperial, 1 pkt.
Turnip—Snowball, 1 pkt.

Give Your Boys a Garden

and provide a means of healthy exercise and delightful recreation In order to encourage "Young Canada" we offer:—

"OUR BOYS" Collection, 10 Pkts for 25c, Postpaid

Beans—Canadian Wonder.
Beet—Flat Egyptian.
Cress—Curled.
Lettuce—Nonpareil.
Muskmelon—Hackensack.
Onion—"Prizetaker."
Radish—"Rosy Gem."
Squash—Mammoth Whale.
Tomato—Aristocrat.
And 1 Pkt of Children's Flower Mixture.

1904 To Our Friends and Patrons

MAIL ORDERS FILLED PROMPTLY

GREETING:

THIS being the **forty-ninth year** since establishing our immense Seed, Bulb and Plant business in Toronto, in greeting our numerous old friends and patrons, and tendering them **Our Annual Cultivators' Guide and Catalogue of Seeds, Bulbs and Plants, Etc., for 1904**, we take this opportunity of returning our sincere thanks for their recognition of our efforts to supply them with everything good aud reliable in our line, and we trust that they will continue to extend to us that liberal share of their patronage which we may fairly claim, and to deserve which we have at all times done our utmost by honest and square dealing.

OUR CATALOGUE

We here wish to say, that, doing our utmost to make mention in this Catalogue of our large and varied stock, many articles are unavoidably omitted. We shall cheerfully procure and furnish prices of anything obtainable in the interests of our numerous customers. Please write for anything in the seed line you may wish to procure and which you do not see mentioned in this Catalogue.

In compiling our Catalogue we give descriptions free from all appearance of exaggeration, and make our engravings as true to type and nature as possible, considering well the fact that a seedsman's Catalogue should be rational in its tone, educational in its matter, and as clearly descriptive of the things offered as a limited space will allow. It is our desire to make our Catalogue serviceable as a book of reference, and as clear as possible, so that it will not be simply looked at and thrown aside.

OUR STOCKS

Our seed stocks have been kept up to our high standard of excellence; our plants are well-grown and thrifty; our tools and implements are from the best manufacturers in their respective lines, and our fertilizers are of the highest grade procurable.

OUR PRICES

It is our constant aim to make highest quality a first consideration, and then to make our prices as low as good, honest seeds can be sold. Our prices for seeds of the highest standard of excellence, therefore, will in all cases be found as low as those of any other reliable house. "Our success achieved can only be maintained by the methods that obtained it."

ORDERS

We endeavor to be as liberal as possible in filling orders, and strive to send our customers goods that will be satisfactory in every way. The greatest care will, as heretofore, be bestowed in putting up all orders, large or small; also that amateurs not acquainted with the varieties offered, will, by leaving the selection to us, be liberally and judiciously supplied. Our aim will always continue to be to give every satisfaction to the purchaser, both in quality of the article supplied, and in the manner of packing and forwarding.

ABOUT WARRANTING SEEDS

It is impossible for us to guarantee the crop in any way, as there are so many causes that operate against the growth and productiveness of the seeds, over which we can have no control. *We give no warranty, expressed or implied, as to description, quality, growth, productiveness, or any other matter, of any Seeds, Plants or Bulbs we sell; nor will we hold ourselves in any way responsible for the crop.* Every order received by us will be filled on these conditions only.

Reliable Table Showing the Quantity of Seed Usually Sown upon an Acre

Seed, and pounds per bushel.	
Barley, broadcast, 48	1½ to 2 bus.
Beans, Dwarf, in drills, 60	1½ bus.
Beans, Pole, in hills, 60	10 to 12 qts.
Beets, Table, in drills	6 lbs.
Beets, Mangel-Wurzel	5 lbs.
Buckwheat, 48	1 bus.
Cabbage, in beds to transplant	¼ lb.
Carrot, in drills	2 to 3 lbs.
Clover, red, 60	12 to 15 lbs.
Clover, white, 60	6 to 8 lbs.
Clover, Alsike, 60	8 to 10 lbs.
Clover, Lucerne or Alfalfa, 60	12 to 15 lbs.
Corn, in hills	10 to 20 lbs.
Corn, for fodder, 56	3 bus.
Cucumber, in hills	2 lbs.
Flax, broadcast, 56	1 to 1½ bus.
Grass, Kentucky Blue, 14	1 to 1½ bus.
Grass, Orchard, 14	1 to 1½ bus.
Grass, English Rye, 24	1 to 1½ bus.
Grass, Red Top, 14	1 to 1½ bus.
Grass, Timothy, 48	12 to 15 lbs.
Grass, Hungarian, 48	½ to ¾ bus.

Seeds, and pounds per bushel.	
Lawn, Grass, 15	4 bus.
Melon, Musk, in hills	2 to 3 lbs.
Melon, Water, in hills	2 to 3 lbs.
Millet, 48	1 bus.
Oats, broadcast, 34	2 to 3 bus.
Onions, in drills	4 to 5 lbs.
Onion, for sets, in drills	50 lbs.
Onion, sets, in drills	8 to 12 bus.
Parnsnip, in drills	5 to 6 lbs.
Peas, in drills, 60	2 to 3 bus.
Potatoes, cut tubers, 60	8 bus.
Pumpkins, in hills	1½ to 2 lbs.
Radish, in drills	8 to 10 lbs.
Rye, broadcast, 56	1 to 1½ bus.
Spinach, in drills	10 to 12 lbs.
Squash, bush varieties, in hills	5 to 6 lbs.
Squash, running varieties in hills	3 to 4 lbs.
Tomato, to transplant	¼ lb.
Turnip, in drills	2 lbs.
Vetches, broadcast 60	2 to 3 bus.
Wheat, in drills, 60	1½ to 1½ bus.

Quantity of Seed Required for a Specified Length of Drill

Asparagus	1 oz.—60 ft. of drill.
Beet	1 oz.—50 ft. of drill.
Beans, Dwarf	1 qt.—100 ft. of drill.
Beans, Pole	1 qt.—150 hills.
Cabbage	1 oz.—2,000 plants.
Cauliflower	1 oz.—2,000 plants.
Celery	1 oz.—4,000 plants.
Carrot	1 oz.—150 ft. of drill.
Cucumber	1 oz.—50 hills.
Corn	1 lb.—100 hills.
Leek	1 oz.—100 ft. of drill.
Lettuce	1 oz.—150 ft.
Melon, Water	1 oz.—30 hills.
Melon, Musk	1 oz.—50 hills.
Onion	1 oz.—100 ft. of drill.
Onion Sets	1 qt.—40 ft. of drill.
Parsley	1 oz.—125 ft. of drill.
Parsnip	1 oz.—150 ft. of drill.
Peas	1 qt.—100 ft. of drill.
Pepper	1 oz.—1,000 plants.
Pumpkin	1 oz.—20 hills.
Radish	1 oz.—100 ft. of drill.
Salsify	1 oz.—50 ft. of drill.
Spinach	1 oz.—100 ft. of drill.
Squash, Early	1 oz.—50 hills.
Squash, Marrow	1 oz.—20 hills.
Tomato	1 oz.—1,500 plants.
Turnip	1 oz.—150 ft. of drill.

OUR PUBLICATIONS

We issue the following Catalogues and Price Lists during the year:

January 1st—Illustrated Guide for Amateur Gardeners, Market Gardeners' Catalogue, Florists Semi-Annual Trade Price List, Dealers' Trade List of Seeds.

June 1st—Florists' Semi-Annual Trade Price List of Forcing Bulbs, Etc.

August 15th—Price List of Winter Wheat.

September 1st—Autumn Catalogue of Dutch and Other Bulbs, Etc.

PLEASE READ CAREFULLY WHAT WE DO

Seeds by Mail—We send free, by mail, all seeds priced by the packet, ounce or quarter pound; and all seeds quoted by the pound, except Beans, Field Beets, Field Carrots, Corn, Mangles, Peas, Rape, Field Turnips and Swedes, Clover, Grasses; to these varieties **Five cents per pound** must be added for postage.

We guarantee that every packet we send out will reach its destination in good condition. If a package is lost we will replace it.

We pack all seeds and plants carefully, and they will carry with safety to any part of the world.

Completion of Orders—As the season advances our stock of some varieties become exhausted. In such cases we substitute with an article of the same variety, of equal quality, or return the money. Potatoes, bulbs, plants, etc., will be sent only when all danger of frost is past.

Errors—Should any error occur we desire to be informed of it, and promise to make such corrections as will be perfectly satisfactory.

WHAT CUSTOMERS SHOULD DO

Forward money with your order, by post-office order, postal note, express order, bank draft, or registered letter. All money sent by any one of the above ways will be at our risk.

Be sure and write your name and address plainly, as we very often get letters without names, and others without the post-office address or county. Keep a copy of your order by marking in your Catalogue, opposite the variety, the quantity ordered of each; by so doing you will know when your goods arrive if all is correct.

Send Your Orders Early—By doing so you are sure of getting all you order promptly, for as the season advances, some varieties run short.

Ladies should always prefix their names with Miss or Mrs., as the case may be.

Correspondents should always sign their names alike each time. Ladies very often sign their husband's name in sending an order, and then again their own name in making enquiry about it, or *vice versa*. This leads to confusion.

Should you receive an extra copy of our catalogue, or have no use for this one, kindly hand it to someone who would likely be wanting seeds, etc.

Always give shipping instructions when ordering large quantities of seeds, etc. Say whether by freight or express, and state the railway. Should instructions not be given, we shall use our best judgment.

Should you make any change in your permanent address, please notify us, that we may be able to forward our Catalogue to you.

Important—Should you not receive your seeds, etc., in a reasonable time after sending your order, advise us of the fact, enclosing a duplicate order and state the date the order was mailed, the amount of money enclosed, and in what form. On receipt of this we will at once investigate the matter; but if duplicate order is not sent we cannot do so promptly.

Goods ordered shipped to any flag station must have **freight prepaid**. Please allow for same in remittance, or we shall ship to the nearest station.

Seeds ordered by the peck or bushel will be sent either by express or freight at purchaser's expense.

Address all orders and other communications to

ANTON SIMMERS
HERMAN SIMMERS } J. A. SIMMERS,
TORONTO

Offices and Seed Warehouses—
143, 145, 147, 149, 151 KING STREET EAST

DISCOUNT OR PREMIUM

On Orders Accompanied by Cash and at Retail Catalogue Prices

25c. WORTH OF SEEDS EXTRA will be allowed on each ONE DOLLAR sent for Seeds in PACKETS and OUNCES (Except Cauliflower).

Thus:—Customers sending $1.00 may select 25c. extra.
" " 2.00 " " 50c. "
" " 3.00 " " 75c. " and so on.

This discount applies ONLY to orders of ONE DOLLAR, or more, for seeds in PACKETS and OUNCES. (Special offers and Collections are not included). We fill an order for 25 cents as carefully as one for 25 dollars. *BUT we cannot afford to allow this liberal discount UNLESS* the seeds in *packets and ounces* amount to one dollar. ☞ It should be understood plainly that this discount does not apply to seeds by the *quarter-pound, pound* or *quart*, nor *Bulbs* or *Plants*, upon which prices are *net*. Please do not ask us to include *any of these* in this rate of discount.

SIMMERS' GARDEN SEEDS

Simmers' Seed Store at Your Own Door

The prices quoted in this Catalogue include free delivery on packets, ounces, quarter pounds and pounds (except where otherwise stated.) They do not include delivery charges on larger quantities, nor on pints, quarts, pecks or bushels. Please note the facilities for sending Seeds by Mail on page 7. We guarantee the safe arrival of all Seeds, etc., when sent by Mail.

ARTICHOKE

German—*Artischoke.* French—*Artischaut.*

CULTURE—Sow in April in rich soil and transplant to permanent beds the next spring, in hills three feet apart each way, with three plants to a hill. A rich, deep loam is required, and plenty of moisture. Cover with litter or earth in winter.

Large Green Globe—The best for general culture. Per pkt 5c oz 30c.

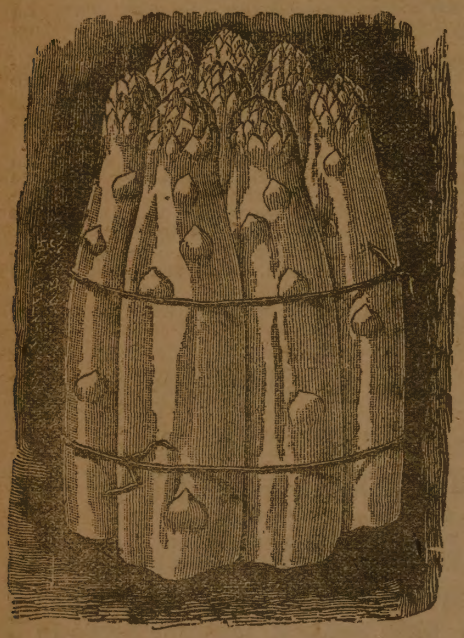
Jerusalem Artichokes—A hardy and productive tuber, used for cooking, pickling for table use, and feeding stock. Strong tubers lb 10c, 3 lbs 25c, if wanted by mail add 5c per lb ; peck 50c, bushel $1.50.

ASPARAGUS

German—*Spargel.* French—*Asperge.*

One ounce for 60 feet of drill. CULTURE—After soaking the seed for 24 hours in luke warm water, sow as early in spring as the season will permit and the ground can be worked, in drills one foot apart, covering the seed one inch deep. Thin plants to three inches apart in the row. The following spring, not too early, transplant into permanent highly-manured beds four feet wide and three rows in each. Plant one foot apart. Cover in the fall with well-decayed manure, and in the spring give a good dressing of salt.

ASPARAGUS ROOTS	By Mail, Postpaid.			By Express.		
	P. 25	P. 50	P. 100	P. 25	P. 50	P. 100
Columbian Mth. White	$0 40	$0 75	$1 40	$0 40	$0 60	$1 10
Palmetto	0 40	0 65	1 25	0 30	0 50	1 00
Connovers' Colossal	0 35	0 65	1 20	0 30	0 50	0 90
Large Giant	0 35	0 65	1 20	0 30	0 50	1 00



Columbian Mammoth Asparagus

Columbian Mammoth White—A newer and distinct variety that produces shoots which are white and which remain white as long as fit for use. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 65c.

Large Giant (Mammoth)—One of the best varieties, large and productive. Seed per pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 55c.

Connover's Colossal—A very large, productive and distinct variety. Seed per pkt 5c, oz 10c, ¼ lb 15c, lb 50c.

Palmetto—It is of very large size, even and regular in growth and appearance. It is very early sort and immensely productive, and of the very best quality. Seed per pkt 5c, oz 10c, ¼ lb 20c, lb 55c.

German—*Bohne.* **BEANS** French—*Haricot.*

English or Broad

CULTURE—The English Broad Beans are very hardy, and should be planted as early in the spring as the ground can be worked, in rows 2 feet apart, about 5 inches apart in the row, and cover 2 inches deep.

Broad Windsor—Large, one of the best, ripens well, very prolific. Pkt 5c, lb 15c, quart 30c, peck $1.75.

Early Mazagan—The earliest, very hardy, and bears freely, best adapted to our climate. Pkt 5c, lb 15c, quart 30c, peck $1.75.

BEANS

Bush, Dwarf, Wax-Podded Varieties

CULTURE—Plant as soon as danger from frost is past, in light, warm soil, in drills about 2 feet apart, 3 inches apart in the drills, or in hills 3 to 4 feet apart. Avoid cultivating when wet with rain or dew, as this will injure the crop, but hoe often when dry. Plant every two weeks for succession. One quart will plant 200 hills, or a drill of 100 feet.

Simmers' Early Giant Wax or Butter — This is really one of the most valuable varieties for either private or market garden purposes. It is earlier than either the Black or Golden Wax sorts, and has a peculiar value in the fact that it is always exempt from rust. The pods are of a very large size, often from 6 to 9 inches long; exceedingly succulent and tender when full grown. It is an enormously productive variety. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 60c, peck (15 lbs) $1.60.

Simmers' Giant Dwarf Wax or Butter Beans
The Standard Variety for Table Use

Davis' Kidney Wax — The most hardy and productive bush, wax-podded Bean in cultivation. A large handsome pod containing pure white kidney-shaped beans, and producing a third more bushels of pods to an acre than most other wax varieties. Price, pkt 5c, lb 20c, quart 35c, 5 lbs 75c, peck $1.75.

Detroit Wax—Very hardy and productive, pods straight, flat, but thick to edge; distinctly broader than the Golden Wax. They do not turn to wax color so early, but when well grown and fit for use are of a beautiful golden wax color, and of the finest texture. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 70c, peck $1.50.

Early Golden Wax or Butter—Yellow pods, several days earlier than the ordinary Black Wax, quite distinct, very prolific, brittle and stringless. Per pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 60c, peck (15 lbs) $1.50.

Wardwell's Kidney Wax—One of the very best Wax Beans, bearing long pods of a delicate waxy yellow, entirely stringless and brittle, fine buttery flavor, heavy yielder. Per pkt 5c, pt 15c, qt 30c, 5 lbs 70c, peck $1.50.

Early Black-Seeded Wax or Butter — Almost stringless yellow pods, thick, very tender and delicious, a standard variety. Beans black when ripe. Pkt 5c, lb 15c, qt (2 lbs) 30c, 5 lbs 60c, peck (15 lbs) $1.50.

Early White-Seeded Wax or Butter (Jones') — A variety with wax-like pods, similar to the Black Wax except in the color of the seed. Per pkt 5c, lb 18c, quart (2 lbs) 35c, 5 lbs 75c, peck (15 lbs) $1.75.

Wardwell's Kidney Wax Bean

Add Five Cents Per Pound for Postage on Beans

BEANS—GREEN-PODDED BUSH VARIETIES

Simmers' Canadian Wonder

Simmers' Canadian Wonder—It is a giant among green podded varieties, forming a large robust plant, covered with long, thick, flat pods, somewhat similar in shape to the well known Mohawk, but nearly twice as large, frequently measuring from 9 to 10 inches in length by three-quarters of an inch wide and one-half inch thick. The largest and most handsome green pod bean of strictly bush form. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 60c, peck (15 lbs) $1.60.

Taber's I.X.L.—The nearest to a stringless green-pod bush Bean in cultivation, with beautiful straight, green pods, full and fleshy. Plants of medium growth, pods 9 to 10 inches long, light green in color, flesh tender and of the best quality. The pods remain long in edible condition: even when the beans are large the pods are not stringy. Pkt 5c, per lb 15c, 2 lbs 30c, 5 lbs 60c, peck $1.60.

Mohawk—Very hardy and prolific, also very early; good string bean. Per pkt 5c, lb 15c, quart (2 lb) 25c, 5 lbs 50c, peck (15 lb) $1.40.

Yellow or Six Weeks—Early, hardy and most prolific variety; a good reliable cropper. Per pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 50c, peck (15 lbs) $1.40.

Refugee or One Thousand to One—Solid podded, excellent and prolific. Much used for canning. Per pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 50c, peck (15 lbs) $1.40.

Valentine Round Podded Bush Bean

Valentine, Round Podded—With round beautiful waxy pods. The pods are very meaty, and no other bean has less string or less hard shell to the pod as long as it is suitable for cooking. Pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 60c, peck (15 lbs) $1.50.

Early China (Red Eye)—A well-known and prolific sort; very tender. Per pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 50c, peck (15 lbs) $1.40.

Large White Marrowfat—Extensively grown for sale as a dry bean for winter use. Excellent either when green in pods or dry. Pkt 5c, lb 10c, quart (2 lbs) 20c, 5 lbs 40c, peck (15 lbs) 90c.

White Kidney or Royal Dwarf—A superior variety for baking; is excellent when green in pods. Pkt 5c, lb 15c, qt (2 lbs) 25c, pk (15 lbs) $1.25.

BUSH LIMA BEANS

Burpee's Bush Lima—A dwarf variety of the improved Lima, which has been fixed in its character of a bush bean; it is very prolific, single plants often producing from 150 to 200 pods. It requires no poles or staking whatever, and should be planted about two feet apart in the rows. Pkt 5c, pint or lb 20c, qt 35c, 5 lbs 80c, pk $2.00.

Burpee's Bush Lima Bean

Henderson's Bush Lima—It grows without the aid of poles, in compact bush form, about 18 in. high, and is very early. Per pkt 5c, lb 20c, quart (2 lbs) 35c, 5 lbs 80c, peck $2.

POLE BEANS

Pole Beans, being tender, ought not to be planted until the ground is dry and warm. A well-manured sandy loam suits them best. Plant in hills 4 feet apart, 6 to 8 beans in a hill, eyes downward, afterwards thin to 3 plants in a hill. Set poles—8 to 10 feet long—before planting seed.

Golden Champion—The leading early Wax Pole Bean, fully two weeks earlier than any other variety. Giant Yosemite Wax in size and form, color light yellow, and are absolutely stringless and tender. Pkt 5c, pint 20c, quart 35c, 5 lbs 80c, peck $2.00.

Indian Chief or Blackwax Pole—Yellow pods, very tender and sweet, thick and fleshy. Pkt 5c, lb 20c, quart 35c, 5 lb 80c, peck $2.00.

Lazy Wife—Large pale green pods, very thick meated, stringless, rich, tender and buttery, ripens early, clings well to pole, enormously productive, splendid either as a snap or shell bean, retains its flavor until nearly ripe. Pkt 5c, lb 20c, quart 35c, 5 lbs 80c, peck $2.

Golden Andalusia Wax—The pods are 5 or 6 inches long, broad, thick, very fleshy, and entirely stringless, exceedingly rich, buttery and fine flavored when cooked. Pkt 5c, lb 20c, quart 35c, 5 lbs 90c, peck $2.25.

Asparagus or Yard Long (Genuine)—Immense pods of a beautiful green color, tender and delicious. Although of such extraordinary length they are produced abundantly. Pkt 5c, lb 50c.

Early Dutch Case Knife—Very productive, excellent whether used green or shelled dry. Pkt 5c, lb 20c, quart 35c, 5 lbs 80c, peck $2.

Improved Large Lima—Unsurpassed and universally grown for private use. Very early and tender. Pkt 5c, lb 20c, quart 35c, 5 lbs 80c, peck $2.

Kentucky Wonder or Old Homestead

Kentucky Wonder or Old Homestead—A very prolific sort, producing its long pods in large clusters. The pods, when young, are nearly round, of best flavor, and are most excellent for snaps. This is one of the best and most profitable beans for the market gardener. Pkt 5c, pint 20c, quart 35c, 5 lbs 80c, peck $2.

Scarlet Runner—A favorite sort, cultivated for the beauty of its flowers, as well as for table use, grows 9 or 10 feet high, dazzling scarlet flowers. Pkt 5c, lb 20c, quart 35c, 5 lbs 80c, peck $2.

Giant White Runner—A white seeded variety of Scarlet Runner, but earlier and more prolific. Pkt 5c, lb 20c, quart 35c, 5 lbs 80c, peck $2.

BORECOLE OR KALE

German—*Blætter Kohl.* French—*Chou Vert.*

CULTURE—Borecole or Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow from the middle of April to the beginning of May, in prepared beds, covering the seed thinly and evenly; transplant in June and treat in the same manner as Cabbage. The varieties are all extremely hardy, and are best when touched by frost.

Dwarf Green Curled Scotch—Also called Curled German Greens or Sprouts. Very hardy, one of the best. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c.

Dwarf Green Curled German—Leaves yellowish-green, very compact and beautifully curled; sow in September for winter and spring use. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c.

Dwarf Green Curled Scotch Kale

Tall Green Curled Scotch—About 30 inches tall, with an abundance of dark green leaves, which are densely curled and cut. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c.

Plumage—Curly, variegated leaves, suitable for ornamental purposes, also excellent for table. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c.

BROCCOLI

German—*Spargel-Kohl.* French—*Chou Brocoli.*

CULTURE—Same as Cauliflower.

Walcheren White—It bears large compact heads of a creamy white color and of good flavor. Pkt 5c, oz 40c, 2 oz 75c, ¼ lb $1.20.

SPECIAL OFFER No. 1

Simmers' Giant Wax Bean
Indian Chief or Black Wax Pole
Simmers' Canadian Wonder Green Pod Bean
Burpee's Bush Lima Bean

One Pkt. Each **For 15c,** Postpaid.

Beets

German—*Runkle-Rube.*
French—*Betterave.*
(One oz. will sow 100 feet of drill.)

CULTURE—The soil best suited to the Beet is a deep, light and rich sandy loam. For early beets the seed should be sown about the middle of April, or as soon as the ground is in good working condition, in drills 12 to 15 inches apart, and thinned to 4 to 6 inches apart in the drills. For winter crops the first of June is the right time. Cover 1 inch deep.

Early Dark Red Flat Egyptian

Detroit Dark Red Turnip Beet

Half Long Dark Blood Red Beet

Dell's Black or Crimson Leaved Beet—Both useful and ornamental, as it is extensively used for ribboning in flower borders, on account of its extremely striking foliage, being a deep, dark metallic lustre. Pkt 5c, oz 25c, 2 oz 40c, ¼ lb 75c, lb $2.00.

Silver Beet or Swiss Chard—Sometimes called Sea Kale Beet; a variety with beautiful and tender leaves, used for Spinach. The mid rib is used and served as Asparagus. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 60c.

Simmers' Extra Early Beet

SIMMERS' EXTRA EARLY—Combines more good qualities than any other variety, rich red flesh, exceedingly tender, remarkably early. In this early Beet we have secured more good qualities than were ever combined in any one variety before. In shape it is almost round. The color is dark crimson, the prevailing shade being very dark, changing alternately into rings of a lighter hue. The constancy of color, in every bulb largely enhances its value. It is extremely early. But it is when prepared for the table that its fine qualities become most apparent, the fine, rich color making it conspicuous. The flesh, of delicate texture, is rich, sugary and entirely free from fibre. Price, pkt 5c, oz 10c, 2 oz 20c, ¼ lb 30c, lb 90c.

EARLY ECLIPSE—Remarkable for its rapid growth, extreme smallness of tops and extra fine quality. Perfectly smooth and round, skin and flesh intense red, very fine grained and sweet, an excellent sort. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 50c.

Crimson Globe—The root is of medium size, of very handsome globe shape, and has a remarkably smooth surface. Both the skin and flesh are deep, rich red, fine grained, sweet and tender in all stages of growth. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

Detroit Dark Red Turnip—A grand Beet for bunching for market, tops exceptionally small and uniformly upright; roots are perfect turnip shape with small tap roots. The principal fault with most turnip Beets is the occasional appearance of white rings, but by careful selection this has been overcome, and this will be found to be one of the deepest red beets. Quality is of the very best, sweet and tender. Gardeners can safely plant it largely. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

EARLY DARK RED FLAT EGYPTIAN—One of the earliest dark red Beets in cultivation; its color is a fine dark red, and its shape is that of an early flat white turnip; it never fails to give satisfaction. See illustration. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 50c.

Early Blood Turnip—Good for summer or winter, flesh dark red color, a standard round variety with small top, very tender. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 50c.

Edmand's Early—The roots are handsome and round, very smooth, with a single tap root; of good marketable size, and for table use no variety can excel it in fine quality. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 50c.

Half Long Dark Blood Red—The best for family use, tender, sweet, not requiring to be cut in two for boiling. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 50c.

Whyte's Very Deep Long Blood Red—Very choice and long. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

Extra Long Smooth Deep Blood Red—The most popular kind for general use; keeps well. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 50c.

Brussels Sprouts

German—*Kopfkohl Gruener.*
French—*Chou de Bruxelles.*

CULTURE—The seeds should be sown in March or April in the hotbed or in the open ground when the weather permits. When the plants are three inches high they should be transplanted and cultivated the same as cabbages or cauliflowers.

Large Tall French (Dalmeny)—A very fine variety; the sprouts are large and solid and of luscious flavor. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.50.

Improved Dwarf—A standard variety of excellent quality, producing compact sprouts of fine quality; it seldom fails to produce sprouts, and is a good keeper. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.50.

CABBAGE

German—*Kopf Kohl.* French—*Chou Cabus.*

(One Ounce Will Produce About 3,000 Plants.)

CULTURE—For very early use sow in January or February in hotbeds; prick out, when the plants are strong enough, into other hotbeds; or sow in cold frames in March; transplant, when danger from killing by frost is past, to the open ground, in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. To secure plants for wintering in cold frames sow the seed in well prepared rich ground, from the 10th to 25th September. To preserve the plants from insects sprinkle them with Slug-Shot.

Early Varieties

Simmers' Premier—A valuable acquisition, being a round, flat-headed cabbage as early as Wakefield and one-third more productive. It is of the Early Summer type, heads a trifle smaller, very solid, with few small outside leaves, enabling it to be planted very close; very uniform in shape and size, finely bred, and free from any rankness of flavor. Pkt 10c, oz 25c, 2 oz 40c, ¼ lb 75c, lb $2.50.

EARLY SPRING—Flat-headed variety as early as Jersey Wakefield. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.00.

BURPEE'S ALL HEAD EARLY—This is the earliest of all large cabbages, being at least a week earlier than any of the various strains of early summer Cabbage. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Extra Early "Express"—From 8 to 10 days earlier than the Early Etampes, which it resembles in shape, though smaller. Heads pointed. It has few outside leaves and can be planted close. For a very quick forcing sort, try it. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb $1.75.

Henderson's Early Summer—A standard early variety much used by market gardeners, heads large, solid and nearly globe shaped, rarely or never burst when fully matured. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb $1.75.

EXTRA EARLY ETAMPES—A very early sort, producing medium-sized heads very sharply pointed. It grows quickly, is mild flavored, and for private gardens a desirable sort. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb $1.75.

SELECTED EARLY JERSEY WAKEFIELD—One of the best early varieties for private use, very solid, medium size, nearly round, of excellent flavor. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Jersey Wakefield Cabbage

Early Winningstadt—Pointed head, for summer and winter use, very sound, quality first-rate, sure to head on all soils, desirable for private gardens. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.60.

Second Early Varieties

Simmers' Early German Brunswick Cabbage

(Best for general crop.)

Simmers' Early German Brunswick—A second early variety, short stemmed, solid, large light green flat heads, similar but much superior to St. Denis, most commendable to market gardeners and others, large as Henderson's and nearly as early, stem remarkably small and short, every plant sure to head. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Henderson's Succession—Handsome, large and sure header. The Succession is about one week later than the Early Summer, but is double its size. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb $1.75.

All Seasons—This is a superior variety to plant for late as well as well as for early crop, the thickness of the head making it a capital variety to keep through the winter; heads large and solid, not liable to burst after heading. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb $1.75.

	Pkt	oz	2 oz	¼ lb	lb
Early French Oxheart	5c	20c	35c	50c	$1 75
Fottiers' Improved Brunswick	5	20	35	50	1 75
Vandergaw	5	20	35	50	1 75
Early Premium Flat Dutch	5	15	25	40	1 50

Late Varieties

DANISH BALL HEAD—Heads round in form, 8 to 10 inches in diameter and very solid; few outer leaves, and these folded closely about the heads. The heads keep excellently through the winter when buried, coming out quite solid in the spring. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.00.

The Lupton—Earlier than Flat Dutch, of closer growth, sure header, large, solid, dark green, quality very fine. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.00.

SIMMERS' MATCHLESS FLAT DUTCH—Extremely handsome in appearance, the stumps being very short. The well-developed heads are true to type and uniform in color, which is an attractive bluish green. The heads measure about 13 inches across and weigh from 10 to 12 pounds each. The Matchless Flat Dutch comes very true, and is a sure header. A very superior cabbage for autumn and winter use. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Surehead—One of the surest headers and best main crop cabbages. The heads are round, flat on top, hard, and with few outside or loose leaves. Market gardeners will find it a most valuable sort. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb $1.75.

AUTUMN KING—The Autumn King is one of the best keepers we have ever seen; it produces large solid heads of dark green, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Late Marblehead Mammoth—The largest known sort, solid, tender and free heading winter variety, and with good culture average 30 lbs per head. American-grown seed. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb $1.75.

	Pkt	oz	2 oz	¼ lb	lb
Late French St. Denis	5c	15c	25c	40c	$1 50
Filderkraut	5	15	25	45	1 60
Late Large Drumhead	5	15	25	40	1 50
Late Flat Dutch	5	15	25	40	1 50

Simmers' Perfection Drumhead Savoy Cabbage

Savoy Cabbage

Simmers' Perfection Drumhead Savoy Cabbage—Heads large and very finely curled, short stock and compact grower, an excellent keeper. Partakes of the size of the Drumhead, with the curled leaves and fine flavor of the Savoy. Far superior to the ordinary imported drumhead Savoy. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Improved Large American Drumhead—Of excellent flavor, compact grower and excellent keeper. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.60.

Large German Drumhead—A good winter variety. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.60.

Largest French Drumhead—(Tertus) Large, solid, and a good keeping variety. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.60.

Dwarf Ulm—Head firm but small, very crisp, curly and fine flavored. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.60.

Red Cabbage

Extra Early Red Dutch Erfurt—Of a very dark blood-red color. Valuable for pickling. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.60.

Large Late Deep Red—Dutch Drumhead,—For pickling, solid, and of deep blood-red color, heads very hard and solid. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.60.

Mammoth Red Rock-Selected strain of late red cabbage, heads will average 12 lbs ea. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb $1.75.

Mammoth Red Rock Cabbage

For Cabbage Plants see Plant List at End of Vegetables.

CARROTS

German—*Mœhre.* French—*Carrotte.*

One ounce of Seed will sow 100 feet of drill.
Four pounds required for one acre.

CULTURE—See "Simmers' Vegetable Garden," a copy of which is free to buyers of our seeds—ask for it. Price to others 10 cents.

Improved Scarlet Intermediate (Stump Rooted)—This is certainly the best main crop carrot. It is one of the most uniform in shape, and where the soil is favorable it will always grow clean and free from side roots. The core is small and very tender, and there is no indication of woody character at any stage of its growth. It is also entirely free from any coarse, rank flavor so common with many sorts. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 70c.

Ox-Heart or Half-Long Guerande (Stump Rooted) Intermediate between the half-long and horn varieties, attaining a diameter of three to four inches at the neck, and of most beautiful shape and rich orange color. It is of extra fine quality, and very productive. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 70c.

Chantenay, Half-Long Scarlet—This is the best early carrot in existence, one which market gardeners should plant for their main early crop. The carrots grow about six inches long, are stump rooted, very smooth, deep red, fine grained, sweet and sugary, and are not apt to crack open while growing. An excellent table sort, and a heavy cropper. Our seed is most carefully selected. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 75c.

Oxheart or Half-Long Guerande Carrot

Chantenay Half-Long Scarlet Carrot

Improved Danver's Half-Long—It is of rich orange color, a very heavy yielder and splendid keeper. It is a first-class carrot for all kinds of soils, valuable both for table use and for stock. We have an extra fine strain of this favorite sort, which we have sold for many years, giving the greatest satisfaction to our customers. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 70c.

Early Scarlet English Horn or Half-Long—Very fine and sweet, pointed rooted. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 75c.

Early Very Short Scarlet or Golden Ball—French forcing, the earliest variety, almost as round as turnip radishes, and very sweet; ready for use about five weeks after sowing. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, 1 lb 80c.

Improved Danver's Half-Long Carrot

Improved Long Orange—The well-known and popular old standby for late summer and winter use, grown extensively for feeding stock. Pkt 5c, oz 10c, ¼ lb 20c, lb 60c.

Simmers' Improved Giant Short White—This field carrot is especially suitable for shallow soil. In shape they very much resemble the Oxheart, excepting the roots grow more to a point. When other varieties require digging, our Giant Short White can be pulled. Flesh and skin are white, and it is considered by those who have grown it much better in quality than any other variety. Pkt 5c, oz 10c, ¼ lb 15c, lb 40c; postpaid 45c.

For Field Varieties of Carrots see Agricultural Seeds further on.

25c. Worth of Seeds EXTRA is allowed on each ONE DOLLAR sent for Seeds by the PACKET and OUNCE, excepting *Cauliflower.*

CARDOON

The mid-ribs of this vegetable are used while in a tender state, similar to Asparagus, and the young leaves in the form of Spinach. Sow early in May, in rows 2½ feet apart, and thin the plants out to 2 feet in the row. When the plants have attained their full size, bind them together with matting or twine, and earth them up like celery to blanch.

Large Spanish—Pkt 5c, oz 30c, 2 oz 50c, ¼ lb $1, lb $3.50.

CRESS OR PEPPER GRASS

(One ounce will sow about fifteen square feet.)

CULTURE—Sow thickly in shallow drills, very early in spring and every two weeks throughout the season; give occasional waterings. Two ounces will sow ten feet square three times. Use as salad before the flowers appear. Transplant the Water Cress, when well rooted, to the banks of a running stream.

Extra Curled—Standard sort, very fine for salads, may be cut two or three times. Pkt 5c, oz 10c, ¼ lb 15c, lb 40c.

Broad Leaved—A large-leaved variety, fine, piquant flavor. Pkt 5c, oz 10c, ¼ lb 15, lb 40c.

Extra Curled Cress

Upland (*Barbarea Vulgaris*)—Grown as Spinach and used exactly as Water Cress, which it so much resembles in taste that the difference is scarcely discernable, and its use should become more general, as it is of easy culture and earlier, and can be grown easily for two years without resowing. Pkt 10c, oz 40c.

True Water—A well-known hardy perennial aquatic plant, grown abundantly along the margin of running streams. Pkt 10c, oz 40c, 2 oz 75c, ¼ lb $1, lb $3.50.

CORN SALAD

(Lamb's Lettuce or Fetticus)

CULTURE—Sow about September or very early in spring, in drills half an inch deep and six inches apart, in rich ground. As the plants are for cutting when young, the seed may be sown pretty thin. Before the cold weather sets in protect with clean straw. It is cut during the winter and early spring for salads, and is most excellent as such.

Broad Leaved—Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

CHIVES

German—*Schnittlauch.*

Chives

Chives are perfectly hardy little perennial members of the onion tribe, and are grown exclusively for their tops, which are used wherever the flavor of onion is required. Planted in small clumps in any common garden soil they will grow readily, and in time increase so as to render a division necessary. The tops appear very early in spring and can be shorn throughout the season, hence this valuable little plant should have a place in every garden.

Seed of the above, pkt 10c.
Roots per bunch 25c, postpaid.

SPECIAL OFFER NO. 3—CARROTS

Very Short Scarlet or Golden Ball—Extra early
Oxheart or Guerande
Scarlet Intermediate
and
Extra Curled Cress

One Packet Each For 15c., Postpaid

Dry Weather Cauliflower.

Cauliflower

French—*Choufleur.*

German—*Blumen Kohl.*

One ounce of seed will produce about 3,000 plants. For plants of Cauliflower, Cabbage, etc., see Page 30.

CULTURE—When grown to perfection this is a most delicious vegetable, and well repays generous treatment in cultivation. With a deep rich soil and an abundance of moisture, which in dry seasons must be applied artifically, Cauliflower can be grown well. Frequent and vigorous hoeing and a liberal supply of rich liquid manure, to keep up a continuous and rapid growth, will produce splendid heads of the most delicate flavor. It facilitates blanching if the leaves are gathered loosely together and tied over the top of the head. For sowing the seed the same general directions as recommended for Cabbages will answer for this crop.

SIMMERS' GILT EDGE—We confidently recommend this as the finest Cauliflower in the world; and it is so pronounced by all growers who have had it. It is of very dwarf, erect habit, with short outer leaves. It can be planted less than two feet apart each way. It is a sure header, every plant forming a large, solid, perfect head of remarkably pure white color, of the finest table quality. It is a surer header, either for early or late sowing, and can be left longer in the field without decaying, than any other sort. It matures immediately after "Snowball" but is a heavier sort. Pkt 25c, ¼ oz $1, ½ oz $1.75, oz $3.00, 2 oz $5.50, ¼ lb $10.00.

Early Snowball—We know of no better type of this variety—very early, smoothly rounded heads, fine grained, compact, even in size. This variety, while at first early, is better adapted generally to fall use than the large late sorts commonly used for that purpose. All we want is that our customers try it—every one who uses Cauliflower, according to his needs—from packets to pounds. It will give satisfaction by the dozen plants or in dozen acres. The habit of the plant is close growing and compact, and plants can be set closely together, from 18 to 21 inches. Customers have found it, by careful tests, fully equal to the best Cauliflower which they have ever grown. Pkt 20c, ¼ oz 70c, ½ oz $1.35, oz $2.50, 2 oz $4.50, ¼ lb $8.00.

Simmers' Extra Selected Early Dwarf Erfurt—One of the earliest in cultivation; small-leaved dwarf, for forcing or open ground, producing very solid pure white heads of the finest quality. It grows about fifteen inches high, and in ordinary seasons every plant will produce a marketable head. For an all round market gardener's variety, we consider this the best for general outside use. Pkt 20c, ¼ oz 70c, ½ oz $1.35, oz $2.50, 2 oz $4.50, ¼ lb $8.00.

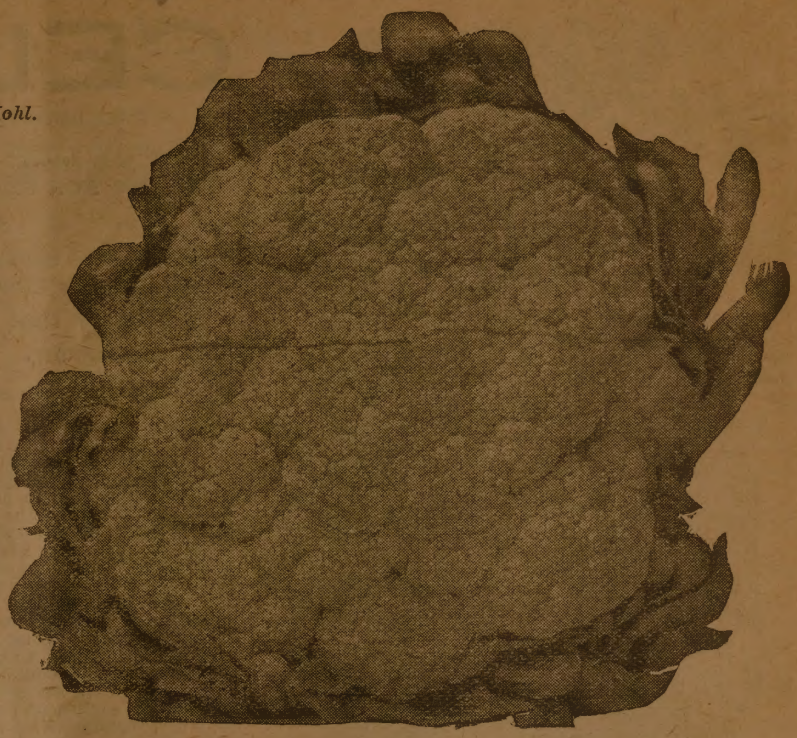
Early Demi-Dur or Half Early Paris—Pkt 5c, ½ oz 40c, oz 70c, 2 oz $1.30, ¼ lb $2.50.

Late Erfurt Market—A large German variety, well suited for this climate. Pkt 10c, ½ oz $1.00, oz $1.75, 2 oz $3.00.

Large Late Le Normand—Short stemmed, produces very close and uniform head, well protected by the foliage, hardy, and stands dry weather. Pkt 5c, ½ oz 40c, oz 70c, 2 oz $1.30, ¼ lb $2.50.

Large Late Algiers—An excellent favorite, late variety. Pkt 10c, ½ oz 70c, oz $1.30, 2 oz $2.50, ¼ lb $4.50.

Late Italian or Veitchs Autumn Giant—Attaining enormous dimensions; heads beautifully white, large, firm and compact. Pkt 5c, ½ oz 30c, oz 50c, 2 oz 80c, ¼ lb $1.50.



Simmers' "Gilt Edge" Cauliflower

Early Snowball Cauliflower

Simmers' Extra Selected Early Dwarf Erfurt Cauliflower

German—*Kerbel.* **Curled Chervil** French—*Cerfeuil.*

CULTURE—A very rich herb, similar in growth and flavor to Parsley, and should not be wanting in any kitchen garden. It is sown and treated like Parsley, the directions for sowing which are under that head.

Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 30c, lb $1.00.

German—*Caffewurzel.* **Chicory** French—*Chicoree.*

Culture same as Carrots. **Large Rooted Magdeburgh**—Pkt 5c, oz 10c, ¼ lb 15c, lb 50c, 10 lb at 45c lb.

German—*Endivien.* **Endive** French—*Chicoree.*

CULTURE—For early use sow thinly in May, in drills one foot apart, and for a succession, every two or three weeks until midsummer. A rather moist situation in the garden is preferable. To blanch the leaves gather them carefully together when perfectly dry and tie near the top, and draw up the earth around the plants.

Broad Leaved Imperial Batavian (Escarolle)—It is chiefly used in soups. Per pkt 5c, ox 15c, 2 oz 30c, ¼ lb 50c, lb $1.50.

Early Green or French Moss Curled—Very tender, hardy leaves, dark green and crisp. Per pkt 5c, oz 15c, 2 oz 30c, ¼ lb 50c, lb $1.50.

CELERY

German—*Selleri.* French—*Celeri.*

Buy the Latest Book on Growing Celery "CELERY FOR PROFIT" by T. Creiner. Price 20c.

First-Class Seeds, of Equal Quality, Cannot be Bought Anywhere for Less Money.

We Know that SIMMERS' SEEDS are the BEST that grow.

(For Celery Plants see end of Vegetable List)

Paris Golden Yellow or Self-Blanching

One ounce will sow a bed of nine square yards, and produce about 4,000 plants.—Sow the last of March or early in April, in an open border, in rich, mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed, the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stalky. When the plants are five or six inches high transplant, the dwarf varieties 3 feet and the taller sorts four feet between the rows; plant 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "handling"; after the soil has been drawn up with the hoe, it is drawn closer around each plant with the hand, to keep the leaves firm in an upright position and to prevent spreading. When the plants have become "set" in an upright position, and the celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plough and finishing it with a spade, bringing the earth up nearly to the top of the plants. If it is intended to store away for winter use, the "handling" process is all that is necessary, as the blanching will be done in the trenches. To store for winter use, select well-drained ground, dig trenches one foot wide and deep enough to cover the tops of the plants. Pack the stalks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.

Paris Golden Yellow or Self-Blanching—This variety is now the leading sort in all markets as an early Celery. It is ready for use nearly as early as white Plume, producing dwarfer and much larger bunches of broad, heavy stalks, blanching to a deep golden yellow. The handsome color, crispness, tenderness, freedom from stringiness and nutty flavor of this variety make it only necessary to be tried in order to establish it as the standard of excellence as an early sort. Pkt 10c, oz 60c, 2 oz $1.00, ¼ lb $1.75, lb $6.00.

Rose Ribbed Paris Golden Self-Blanching—The general color similar to Golden Self-Bleaching, except that the naturally golden-colored stalks are suffused with a warm rosy hue, which gradually fades towards the top of the stalks, where it assumes a bright golden color. Pkt 10c, oz 45c, 2 oz 80c, ¼ lb $1.50.

Simmers' Special Dwarf White Winter—Solid, crisp, of excellent flavor, one of the best white varieties. The past season has again proved this celery to be the best adapted for the home or market on account of its dwarf habit and walnut flavor and keeping well until spring. Pkt 10c, oz 45c, 2 oz 80c, ¼ lb $1.50.

Simmers' Imperial Celery

SIMMERS' IMPERIAL—When fully grown the outer stalks average two inches wide and are nearly as thick as a man's finger. The immense stalks can be sliced lengthwise, and are always very crisp and brittle, snapping like glass. After growing to a great size it lends itself readily to the blanching process, assuming a rich yellow tinge in the heart, and presenting a very attractive appearance. Pkt 10c, oz 45c, 2 oz 80c, ¼ lb $$1.50.

Simmers' Large Ribbed Dwarf White—Perfectly distinct and of a beautiful cream-white color; attains a very large size, is of quick growth, stiff, close habit, the outer ribs standing straight and perfect; a very solid, crisp-eating and delicious variety, keeping well until spring. Pkt 5c, oz 30c, 2 oz 55c, ¼ lb $1, lb $3.00.

White Plume (Early)—Requires no banking up to blanch; highly recommended to all who wish to procure a first-class celery for early use. Pkt 5c, oz 25c, 2 oz 40c, ¼ lb 75c, lb $3.

"Pink Plume"—Similar to White Plume, except that the stalks are delicately marked with pink. It also has the rich, nutty flavor of the red celeries. Pkt 5c, oz 25c, 2 oz 40c, ¼ lb 75c, lb $3.

Giant Pascal—Of fine nutty flavor, being entirely free from any bitter taste. It grows about 2 feet high and bleaches with slight earthing up. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Giant Golden-Hearted Dwarf—An excellent Dwarf White variety, with fine nutty flavor, growing to a large size and keeping well all winter. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

New Rose—The color is a beautiful shade of rose; of exceptionally fine flavor, solid, crisp. Pkt 5c, oz 20c. 2 oz 35c, ¼ lb 60c, lb $2.

White Solid—Fine nutty flavor. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c. lb $1.50.

Carter's Incomparable Dwarf Crimson—Keeps well, and is of a fine, nutty flavor. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Turnip-Rooted Erfurt Giant, or Celeriac—Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Flavoring Celery—Oz 5c, ¼ lb 15c, lb 40c; postpaid 45c.

SPECIAL OFFER No. 4

Celery

White Plume—Early.

Paris Golden Yellow—Medium.

Simmers' Special Dwarf White Winter—Late.

ONE PACKET OF EACH For 20 Cents

Simmers' Special Dwarf White Winter Celery, the best in cultivation for market gardeners and private gardens.

Morse's Evergreen Corn Peas

SWEET CORN FOR TABLE USE

NOTE—Add five cents per pound to the following prices of Corn when wanted by mail

N.B.—Special quotations given to Canners and others requiring Corn in quantites. One pound will plant about 100 hills, one peck, one acre in hills

Mammoth White Cory Corn

EARLY VARIETIES

Simmers' First of All—Earliest of all, ready three days to a week earlier than Cory; in habit of growth it is more dwarf and of superior quality, very sweet and tender; a large number of the ears have 10 to 12 rows, while the Cory generally has 8 rows. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Mammoth White Cory—This strain is nearly as early as the original Cory, while the ears are of larger size. The cobs being white, the grains are entirely free from the dark tinge noticeable in the original strain. The ears retain the pearly whiteness of the grains when cooked. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Sheffield—A new extra early hardy variety, the result of a cross between the Cory and the Extra Early Adams. Can be planted as early as the Adams. Juicy, and of fine, sweet flavor if gathered at the proper stage. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Kendel's Early Giant—The ears grow to a very large size. Kernels pure white, sweet and tender. Pkt 5c, lb 15c, qt 25c, 5 lbs 60c, 10 lbs $1.10.

Nonsuch Sugar—Medium early, wonderfully productive, but above all, of the finest flavor. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Early Red Cory—Very sweet and of rich flavor; desirable for private or market gardens. Extra early. Pkt 5c, lb 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Early White Cory—A selection of the Cory, of the same character in all respects, except that it has a white cob and kernels. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Early Minnesota—One of the best early varieties, and of good quality. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Early Crosby Sweet—One of the largest early, rich sugary flavor, very productive. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Black Mexican Sweet—A black grained variety, sweet and tender. Must be cooked young to avoid blackening when cooked. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

MEDIUM EARLY VARIETIES

IMPROVED NE PLUS ULTRA (Country Gentleman)—Sweet and tender and most productive, the stalks averaging three ears, sometimes as many as five; kernels and cobs are pure white. Pkt 5c, pt or lb 15c, qt 25c, 5 lbs 60c, 10 lbs $1.00.

Perry's Hybrid Sugar—Second early, with large ears, white, deliciously sweet and tender. Our stock for 1904 is selected. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Triumph—Said to be the earliest of the large varieties, flavor rich and sweet. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Honey Sweet—A most productive variety, bearing three to four good large ears on a stalk, growing vigorously, and coming in as early as Moore's Concord. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Moore's Early Concord Sweet—One of the largest early varieties. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Stowell's Evergreen Corn

LATE VARIETIES

Stowell's Evergreen—The best late sweet corn in every way. Being large eared, hardy and productive, sweet and tender, and remaining a long time in condition suitable for cooking; there is no other late Sweet Corn which can compare with it. Our seed being most carefully selected for depth of kernels, size of ears and freedom from flint and glaze, we know that it will give entire satisfaction. Pkt 5c, lb 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Early Evergreen—This distinct new strain possesses the characteristics which have made Stowell's Evergreen so deservedly the favorite for main crop, but produces ears fit to use from one week to ten days earlier. While about one-third smaller, the ears are of typical Stowell's type and of the same fine quality. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Zig-Zag Evergreen—It comes in about eight days ahead of Stowell's Evergreen; the kernels very much resemble this variety, but grow on the cob in zig-zag fashion. Pkt 5c, lb 15c, 2 lbs 25c, 5 lbs 50c, 10 lbs 90c.

Egyptian Sweet, or Washington Market—A fine large variety, somewhat resembling the Evergreen. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Mammoth Sweet—An excellent variety, producing unusually large and perfect ears. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Tuscarora White—This is a late variety, with large ears and flour-white kernels. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

POP CORN

Pearl—Smooth grained ears. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 40c, 10 lbs 75c.

White Rice—A very early, fine white variety, with pointed kernel. Pkt 5c, lb 15c, qt 25c, 5 lbs 40c, 10 lbs 75c.

COLLARDS

French—*Chou.* German—*Blœtter-Kohl.*

Georgia, Southern or Creole—Sow thick in drills, in rich ground, transplanting them when four inches high, or sow in drills where the plants are to remain, and thin to two or three feet apart in the row, when the proper size. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.50.

DANDELION

Loewenzahn. *Dent-de-Lion.*

Dandelion is fast becoming the favorite spring green on the market.

Thick-Leaved—An improvement on the common sort, the leaves being double the size. Pkt 10c, oz 40c.

EGG PLANT

(One ounce will produce 1,000 plants.)

CULTURE—Sow in a hot-bed for early crops, or very early in the spring in shallow drills in a warm, sheltered dry situation, in the open ground, and protect by hand glasses. Transplant when warm weather in, into well-enriched ground 12 inches apart and 20 inches from row to row. The fruit, when ripe, is sliced, well spiced and fried.

The New York Improved Large Purple Spineless—Very large and smooth, and of fine dark color. Ours is the Spineless plants, most preferred by our market gardeners. We make the most careful selection of our stock plants and know them to be unsurpassed for the market. Pkt 10c, oz 50c.

The Pearl—Large and fine, with an attractive pure white skin. Pkt 10c, oz 50c.

Long Purple—Very hardy, early and productive. Pkt 5c, oz 40c.

Long White—Pkt 10c, oz 60c.

Egg Plant, New York Improved Spineless

Early Purple Dwarf—About three to five weeks earlier than any other variety. Pkt 10c, oz 50c.

The Three Best Sorts of SWEET CORN for Succession

EARLY WHITE CORY
PERRY'S HYBRID
STOWELL'S EVERGREEN

SPECIAL OFFER No. 5

One packet each of the 3 kinds, postpaid, 15c; at buyer's expense—.
One pint " " " " 55c, " " 45c.
One quart " " " " 95c; " " 70c.

To secure a Further succession, we consider the following the Most suitable sorts: MAMMOTH CORY, MOORE'S EARLY CONCORD, COUNTRY GENTLEMAN, EARLY EVERGREEN

Cucumber

German—*Gurken*. French—*Concombre*.

One ounce will plant fifty hills; two pounds will plant one acre.

SIMMERS' IMPROVED EXTRA EARLY WHITE SPINE—This private strain of Extra Early White Spine is, beyond a doubt, the most thoroughbred, uniform and shapely variety known. We recommend it not only for first early but for general crop. It excels in earliness, often being ready for slicing when other sorts are only pickles. In purity it is unequalled. The vines are vigorous growers. It is an excellent variety for slicing and makes a choice pickle; straight and smooth; a great bearer, keeps green much longer than the yellow varieties, and no sort excels it in crispness and fine flavor. Selected seed. Pkt 5c, oz 20c, 2 oz 40c, ¼ lb 75c.

Simmers' Improved Long Green Cucumber

"The Emerald"—This variety is strictly an evergreen, holding its color until fully ripe. It is very attractive in its rich dark green color and spineless skin. The flesh is crisp and tender; highly recommended for slicing. Makes an excellent pickle when young, and a fine sweet pickle when matured. Pkt 5c, oz 20c, 2 oz 40c, ¼ lb 75c.

Simmers' Improved Long Green—The best for general crop, fine long fruit, firm and crisp. Pkt 5c, oz 20c, 2 oz 40c, ¼ lb 75c.

Westerfield's Chicago Pickling—It is exceedingly prolific, bearing small well-formed fruit, covered with spines and of an unusual deep green. Pkt 5c, oz 20c, 2 oz 40c, ¼ lb 75c.

The Cumberland Cucumber

Paris Pickling—The best of all in quality for pickling. The young cucumbers when of the proper age for pickling, are slim and slender, from three to five inches in length. When ready for pickling they show absolutely no sign of seeds, and are of an unusual dark green color. Pkt 5c, oz 20c, 2 oz 40c, ¼ lb 75c.

White Wonder—About eight inches long; the skin is thin, while the pearly white flesh is exquisitely fine in quality; quite brittle, and remains solid for a long time. Pkt 10c, oz 25c, 2 oz 40c.

Simmers' Improved Extra Early White Spine Cucumber

"Cool and Crisp"—While primarily a pickling variety, it is also most useful for slicing, the cucumbers when fully matured being of good size and exceedingly tender and crisp. Pkt 5c, oz 25c, 2 oz 40c.

The Cumberland Pickle—The best pickling cucumber known; enormously prolific; a shy seeder; fine for both slicing and pickling. This variety of the hardy White Spine type, is a rapid, strong grower and is very prolific in fruit. The pickles differ from all other hardy sorts in being thickly set with fine spines, except on the extreme stem-end. During the whole period of growth, from the time they first set until full-grown, the form is exceptionally straight and symmetrical, making them as choice for a slicing variety as for pickles. The flesh is firm, very crisp and tender at all stages. Pkt 5c, oz 20c, 2 oz 40c, ¼ lb 75c.

Japanese Climbing—While all cucumbers are running vines, yet this variety is much more creeping or climbing in its habit. The quality is splendid and well adapted for pickling as well as for slicing. Pkt 5c, oz 20c, 2 oz 40c, ¼ lb 75c.

Livingston's Evergreen—A very strong grower, but extra early, and the best in flavor, bearing firm, crisp fruits, either for pickling or slicing. Pkt 5c, oz 20c, 2 oz 40c, ¼ lb 75c.

Nichol's Medium Green—As a pickle for early forcing purposes or for slicing there is no better variety. It is exceedingly productive, of medium size, always straight and smooth. The color is dark green, the flesh tender and crisp. Pkt 5c, oz 20c, 2 oz 40c, ¼ lb 75c.

	Pkt.	oz.	2 oz.	¼ lb.
The Pride of Canada	10 (3 pkts 25c)			
Giant Pera	10	25	40	75
Early Frame	5	20	40	75
Early Cluster	5	20	40	75
Siberian	5	20	40	75
Boston Pickling or Green Prolific	5	20	40	75
Early Russian or Moromian Gherken	5	25	40	
West India Gherken or Burr—Only for pickling	5	25	40	

English Sorts

For Hotbeds & Greenhouses

The Model—A very choice variety, producing handsome cucumbers of wonderful size. Pkt 20c, ¼ oz $2.50.

Blue Gown—A very fine black spined variety, 18 to 24 inches long, smooth. Pkt 20c, ¼ oz $2.25.

Marquis of Lorne—A highly esteemed variety of handsome form and fine flavor, 24 to 30 inches long. Pkt 20c, ¼ oz $2.25.

Rollison's Telegraph—Very prolific, early, crisp, and of superior quality, Pkt 20c, ¼ oz $1.75.

Mixture—Of the foregoing English sorts. Highly recommended for forcing or outdoors. Pkt 10c, ¼ oz $1.50.

Rollison's Telegraph Cucumber

German—*Knoblauch*. **GARLIC** French—*Ail*.

Used for flavoring soups, stews and other dishes. Garlic thrives best in a light, well-enriched soil; the sets should be planted in early spring in rows one foot apart, and from one to five inches in the rows.

Garlic Sets—Per oz 5c, ¼ lb 10c, lb 25c, postpaid 30c; 5 lb $1.10, carriage extra.

GOURDS

Japanese Nest Egg—These exactly resemble in color, shape and size, the eggs of hens, making a capital nest egg, which are superior to glass eggs, as they do not crack or break, and are uninjured by cold or wet. As the plant is a very rapid growing climber it is very useful for covering screens, etc. Pkt 5c, oz 25c.

Dipper—Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles 6 to 12 inches long. They are convenient for dipping hot liquids, etc. Pkt 5c, oz 25c.

Luffa or Dish Rag—A native of the East Indies, and in it nature has furnished us with a vegetable dish-cloth, the seeds being enveloped in sponge-like cloth, which is tough, elastic and durable. Pkt 5c, oz 25c.

Sugar Trough
Very useful for baskets, dishes, buckets, etc. They have hard, thick shells, lasting for years, and capable of holding from 2 to 10 gallons each. Pkt 5c, oz 25c.

Mixture—A collection of the most ornamental, including all the above. Pkt 10c, 3 pkts 25c, 7 pkts 50c.

Horse Radish

Sets—Good strong ones, ready for sale at any time. 10c each, 4 for 20c, 50c per dozen postpaid.

The Cucumber Crop was almost an entire failure the past year and Seed is consequently very scarce.

Giant Glacier Lettuce

LETTUCE

(One ounce will sow 150 feet of drill). German-*Lattich Salat.* French-*Laitue.*

CULTURE—Lettuce requires a good soil in order to obtain the crispness, juiciness and delicate flavor for which they are so much esteemed. Several sowings are requisite during the season. The first may be obtained in a hotbed in February. A sowing may be made in the open ground as soon as it can be worked, after this every two weeks until July if a constant succession is required. Sow thinly, in drills or broadcast, quarter of an inch deep, and transplant a foot apart in the richest soil. Hoe frequently and in dry weather water plentifully.

Simmers' Nonpareil Cabbage Lettuce

SIMMERS' NONPAREIL

This remarkable variety, first introduced by us a few years since, has rapidly grown in popularity among gardeners, who all agree in pronouncing it one of the best lettuce they have ever grown for forcing under glass in hot-bed and greenhouse, and equally valuable for growing in cold frames and in open ground during the hottest summer months. It is a beautiful light yellowish green color, and of very superior even quality. It has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and even growth is unequalled by any other lettuce. It is the shyest seeder and slowest to shoot to seed of any lettuce we have ever grown. It is decidedly the best and easiest grown of all lettuce for both the family and market gardener. Pkt 5c, oz 20c, 2 oz 30c, ¼ lb lb45c, lb $1.50.

"Golden Queen"—A very desirable early variety of a most pleasing golden yellow color, and second to none for forcing. It is very crisp, tender and juicy. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.

"Wonderful" Lettuce—It is a very large head variety, excellent for furnishing fine, crisp, well-blanched lettuce during the hot summer months. The heads are large, tightly folded, and the inner leaves blanched to a pure white. Heads stand for quite a long time, even in hot summer weather before running to seed. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.

Grand Rapids—Of handsome appearance, a strong grower, very crisp and tender and not apt to rot, and will keep from wilting longer than any other. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.

Hanson—Producing heads of a remarkable size, tender and crisp, beautiful green without and white within, heads sometimes weighing 2½ to 3 lbs. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.

The Gardener's Favorite—One of the best heading varieties, suitable either for forcing or outdoor cultivation. Heads large and solid. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.50.

Unrivalled or Improved Big Boston Cabbage Lettuce

Toronto Market—Heads large, very solid and good flavored. Color yellowish green, and suitable for forcing and open air cultivation. Pkt 5c, oz 15c. 2 oz 25c, ¼ lb 40c, lb $1.50.

Asparagus Lettuce—The leaves are long and conical, often 18 inches high, and become as stiff, crisp and sweet as celery stalks. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.40.

Simpson's Early Curled Cabbage (White Seeded)—Suitable for forcing. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.25.

Simpson's Early Curled Cabbage (Black Seeded)—Forms large, loose heads of thin and exceedingly tender golden yellow leaves. It stands the summer heat splendidly. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.25.

Green Curled Silesian—A very ornamental and most beautiful variety, of a very delicate shade of green, with the inner part of the leaves white; the edges are beautifully cut and fringed. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.

Big Boston—Similar to the famous Hanson Cabbage Lettuce, but double the size. Its solidity and greater size make it a most desirable variety. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.25.

Unrivalled or Improved Big Boston Cabbage Lettuce—This new variety possesses all the good qualities of the Big Boston, viz: earliness, good size, attractive light green color, etc., and it has besides a few more that make it specially valuable for the private garden. It may be sown almost the whole year around; it keeps its head remarkably well during the summer heat, remaining crisp and solid when other varieties become tough and flabby. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.50.

Golden Queen—First Early Head Lettuce

	Pkt	oz.	2 oz.	¼ lb.	lb.
New Cos Celery Lettuce—Trianon Self-Closing	5c	15c	25c	40c	$1 50
Paris White Cos	5	15	25	35	1 00
Paris Green Cos	5	15	25	35	1 00
Denver Market	5	15	25	35	1 00
Silverball	5	15	25	40	1 50
Tennis Ball	5	15	25	40	1 50
Drumhead or Maltese	5	15	25	35	1 00
Victoria Red-Edged	5	15	25	35	1 25

Kohl Rabi

SPECIAL OFFER No. 6

4 Best Lettuce: Nonpareil Cabbage, Big Boston, Wonderful, Golden Queen — Each 5c pkt., or the 4 for 15c.

German—*Kohl Rabi.* **KOHL RABI** French—*Chou Rabe.*

A vegetable intermediate between the Cabbage and the Turnip. It is rather difficult to transplant, and it is generally preferable to sow the whole crop from seed and thin out where it stands to 8 inches in the row.

Early White Vienna—Flesh white and tender, best market sort, excellent for table use. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Early Purple Vienna—Similar to the preceding except in color. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

German—*Lauch.* **LEEK** French—*Poireau.*

One oz. will sow a drill of about 100 feet. CULTURE—See Simmers' "Vegetable Garden," a copy of which is free to buyers of our seeds; ask for it. Price to others 10c.

Large Scotch or Broad Leaved Flag—Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.25.

Large Musselburg or Monstrous Carentan—Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.50.

Leek

MUSKMELONS

German—*Melonen.*
French—*Melon.*

(One Ounce will Plant about Fifty Hills)

CULTURE—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills six feet apart each way for Muskmelons, 8 feet for Watermelons. Previous to sowing the seed mix a few shovelfuls of well-rotted manure on each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over thin out to 3 plants per hill. When about one foot long pinch off the tips to make them branch, as it strengthens the growth of the vines and makes the fruit mature earlier. Be careful not to plant pumpkins or squashes near them as they will hydridize. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground.

Simmers' Dominion Green Flesh—The fruit is nearly round, flattened at the ends, deeply and very regularly ribbed; skin green, densely netted; flesh remarkably thick, light green, melting and of a delicious flavor. They are very regular in shape, and uniformly grow to a large size. To all who raise, to grow the handsomest possible melons for exhibition, or extra large fine melons for market, we highly recommend the Dominion Green Flesh. Pkt 10c, oz 40c, 2 oz 60c, ¼ lb 90c, lb $3.

Paul Rose Muskmelon

Paul Rose, or Petofsky—In this sort we have a Melon that will give perfect satisfaction to all growers, both for market and home garden. It is a cross between the Osage and the Netted Gem, combining the sweetness of the former with the fine gray netting of the latter, making it a handsome Melon. The fruit averages about five inches in diameter, and is oval in form. The flesh is thick and firm, a deep salmon or orange color, most delicious and appetizing. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c.

Tip-Top—Quite distinct in appearance, this new Melon is of the finest quality. Flesh yellow, sweet, juicy and firm, but not hard fleshed. Fruit ribbed and beautifully netted. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c.

Tip-Top Muskmelon

"Perfected Delmonico"—The Melons average about 6 inches in diameter, have a very small seed cavity, and are exceedingly thick and heavy for their size. The flesh is a deep rich orange-yellow color, and of very fine grain without the slightest stringiness. Pkt 5c, oz 20c, 2 oz 30c, ¼ lb 45c, lb $1.50.

"The Newport"—The Newport Melon, while small, is very deep fleshed, and of a dark green color. The Newport stands in the same relation to the green-fleshed melons that the Banquet does to the red-fleshed, in every respect the best. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.50.

Princess—Nearly round in shape, heavily netted, dark green skin. The flesh is of a rich salmon color, thicker than in any other melon, and in flavor is sweet and luscious beyond description. They ripen early grow to a good size, frequently weighing from 8 to 10 pounds each; vines often produce 6 to 8 perfect melons. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c.

Skillman's Fine Netted—The best early kind, green flesh and luscious flavor. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c.

Simmers' Dominion Green

The Banquet—A good medium-sized melon, very flat at both ends and more beautifully netted than any other variety. In quality it is unequalled, the flesh is uniformly deep, color dark rich salmon. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c.

Emerald Gem—This variety is of rich, delicious flavor and fine quality. Distinct, very early and prolific; skin ribbed, yet smooth, and of a deep emerald green, with a few lighter-colored stripes. The flesh is thick, of a suffused salmon color. Specially recommended to those who wish a highly flavored fruit. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c.

Montreal Green Nutmeg—A beautiful round netted, deep-ribbed variety, luscious and sweet, ripening freely under ordinary care, and fruit of enormous size, sometimes weighing from 30 to 40 pounds. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 65c.

Extra Early Netted Gem, or Rocky Ford—Oval strain, one of the earliest, best and most prolific small melons. Oval shape, uniform in size, flesh light green, of very fine flavor, a popular variety with market gardeners, as it is very uniform and an excellent shipper. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c.

Extra Early Netted Gem, or Rocky Ford Muskmelon

Jersey Belle—Although not quite as early as the Hackensack, does best on light soils, and will develop perfectly even on white sand. It is of beautiful shape, a little flattened on the ends, deeply ribbed and heavily netted, indicating by its outward appearance, the exquisite quality of the beautiful green flesh within. Pkt 5c, oz 20c, 2 oz 35, ¼ lb 50c, lb $1.60.

Early Hackensack—A green variety, growing to a large size, very productive and of exquisite flavor. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb $1.80.

Early Hackensack Muskmelon

Bay View—A large prolific and fine flavored green-fleshed melon; with ordinary cultivation this variety has produced melons weighing from 10 to 15 pounds. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.50.

Improved Christiana—The earliest Muskmelon known, green flesh, netted and exquisite flavor. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.50.

Persian or Casawba—Oblong, netted, green flesh, early, delicious flavor, recommended for garden. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.50.

Miller Cream or Osage—A remarkably good variety, of large size and delicious flavor, flesh rich salmon, very thick and solid. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb $1.60.

Early Yellow Cantaloupe—Very fine flavor, round, flesh reddish orange, and early and productive variety. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c.

Surprise—Red flesh. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb $1.50.

Mango Melon (Vegetable Peach, Vine Peach)—The fruit is about the size of a large peach or orange, oval-shaped, and of a bright orange-yellow color, somewhat russetted outside, flesh is snow-white. For sweet pickles, pies or preserving they are superb. Pkt 5c, oz 10c, 2 oz 20c, ¼ lb 30c, lb $1.

GARDEN LEMON

Resembles the Vegetable Peach in growth and shape of fruit, but is distinct in that the unripe fruit is striped with very dark green, almost black, while the Vegetable Peach is plain, and when ripe is not russetted like the Mango Melon. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, lb $1.

CITRON

Citron—For preserves, striped and marble light green, flesh white and solid. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, lb $1.

"Colorado Preserving"—Most prolific, flesh firm and solid, large size, preserving qualities the best. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, lb $1.

Citron, for Preserving

YOU TAKE NO RISK in ordering **SIMMERS' SEEDS** direct by mail and you have the great advantage of being able to select just what you want from this Complete Catalogue of all the Best Seeds.

... WATERMELONS ...

German—*Wasser Melone.* French—*Melon d'eau.*

CULTURE—Same as Muskmelon. (One ounce will plant about 30 hills).

Vick's Early—Oblong, smooth, rather small, flesh bright pink, solid, sweet and early. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

COLE'S EARLY—Very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of dark red color. Medium size, nearly round in shape, rind green, striped with lighter shades. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

Stoke's Extra Early—Without doubt one of the earliest of all. Nearly round, dark green skin, slightly mottled with white. The flesh is deep scarlet, remarkably solid, and in delicious sugary flavor is unsurpassed. Their average weight is about 15 pounds. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

Ice Cream or Peerless—The great home-market Melon. It has too thin a rind for shipping. Few, if any, surpass a pure Ice Cream for quality and productiveness. Flesh bright scarlet, solid to centre; melting and delicious. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

Kleckley's Sweet—Large oblong Melon, 20 inches in length by 10 to 12 inches in diameter, somewhat tapering at the ends. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. The scarlet flesh is sweet and sugary, and is of such texture that it leaves no strings of pulp whatever in eating. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.30.

McIver's Wonderful Sugar—A large oblong melon of handsome appearance. Skin shows broad bands of white, with narrower ones of green. Its soft pink flesh is crisp and juicy, and solid to the centre. Pkt 5c, oz 10c, 2 oz 20c, ¼ lb 30c, lb $1.

Phinney's—Oblong, bright red flesh, sweet, tender, well flavored, very productive and early. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

Nabob—A very large, solid, heavy melon of splendid keeping qualities. Slightly oblong in shape. Color dark green. Medium early and of magnificent keeping qualities. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

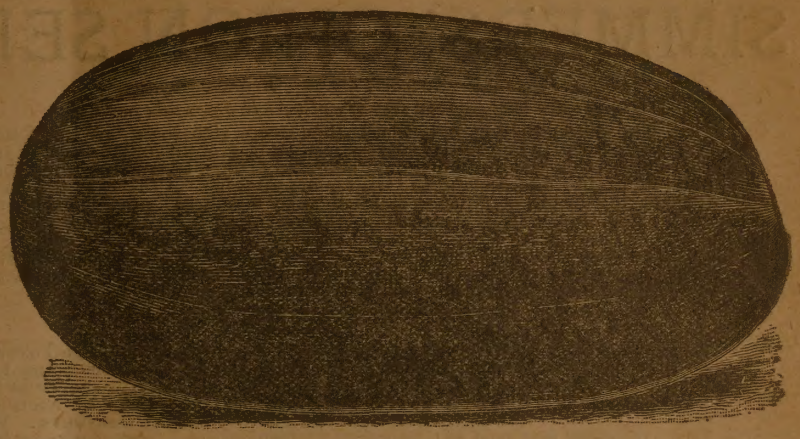
Seminole—Large size and delicious flavor. Flesh a vivid crimson color, crisp, and sugary. The melons are of two colors, gray and light green, the latter a darker coloring of the former. Melons of both colors are found on the same vine, and are exactly the same in shape, size, color of seed, flavor and quality. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

Improved Long Dixie—A cross between Knob's Gem and Mountain Sweet, surpassing the former in shipping qualities and fully equalling the latter in fine eating quality and flavor, being a week to ten days earlier than either, with a remarkably thin rind almost impenetrable, which preserves it for a great length of time. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

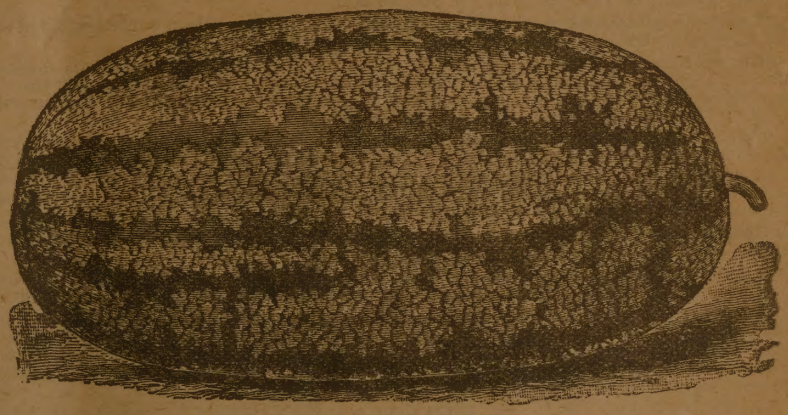
Cuban Queen—Beautifully striped, bright red flesh, solid, luscious, crisp and sugary. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

Black Spanish Early—Red core, very delicious, skin dark green. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

Mountain Sweet—Fruit oblong, dark green, rind thin, solid, very sweet and delicious. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.



Kleckley's Sweet Watermelon

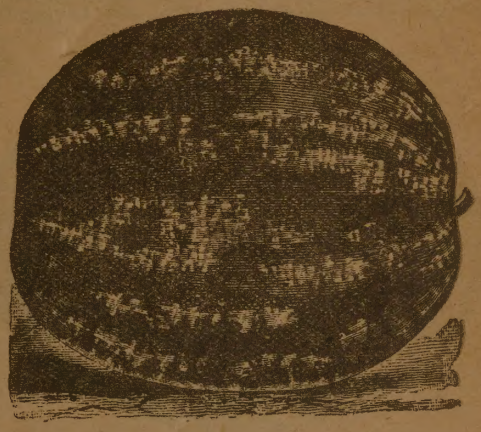


McIver's Wonderful Sugar

SPECIAL OFFER No. 7

Tip-Top Muskmelon
Paul Rose Muskmelon
Citron for Preserves
Black Spanish Early Watermelon

One Packet Each For 15 Cents



Cole's Early Watermelon

MUSTARD

German—*Senf.* French—*Moutarde.*

(One ounce will sow about 50 feet of drill).

CULTURE—Sow rather thickly in rows in a hotbed as early as possible in the spring, or in the open ground in May. Repeat the sowing about every fortnight for a succession. It is cut and mixed with cress for salad when about two inches high.

White—For salad or medicinal purposes. Oz 5c, ¼ lb 10c, lb 30c.

Brown—For seasoning, more pungent in flavor than the White. Oz 5c, ¼ lb 10c, lb 30c.

Chinese Curled, or Southern Giant—Leaves twice the size of the ordinary White Mustard, stems more succulent, of deeper green, flavor pleasantly sweet and pungent. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 30c, lb $1.

NASTURTIUM (or Indian Cress)

(One ounce will sow about 30 feet of drill).

CULTURE—Sow about the middle of May in the open ground, one inch deep, in patches, and train them to sticks. The seeds, when young and tender, are picked as a substitute for capers, to which some prefer them. The leaves are eaten in salad, and are very tasty; are also used as a garnish.

Tall Mixed Nasturtium—Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 30c, lb $1.

Dwarf Mixed Nasturtium—Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.25.

MARTYNIA

Martynia Proboscidea—The best variety for pickles. Sow in May or June, at least three feet apart. Pkt 5c, oz 30c, 2 oz 55c, ¼ lb $1.

RELIABLE ENGLISH MUSHROOM SPAWN

German—*Champignonbrot.* French—*Champignon.*

The general use of Mushrooms as a delicious and wholesome dish has been somewhat limited, owing to the extremely high price this article generally commands on the market. But there is no excuse why everyone that has a few feet available, may it be in a dark cellar, barn or shed, where the temperature can be maintained at from 50 to 60 degrees, should not have his table abundantly supplied with Mushrooms throughout the greater part of the year. It is only a question of time when, instead of being a luxury, Mushrooms will be as commonly served with our meats as onions are to-day. Considering the abundance of the necessary materials in all parts of our country, both in city and farm, and the high estimation in which the Mushroom is held, it is plainly demonstrated that the cultivation of Mushrooms is in its in infancy in our country. The best results have been obtained by the use of our superior English Mushroom Spawn, known as **J.A.S. P.** or J. A. Simmers' Prolific, which is largely used by the most successful growers around Toronto. Full and explicit instructions are contained in our circular, "How to Grow Mushrooms Successfully," which we will mail for 10c, or free with orders for two bricks.

Imported English Spawn—Made up in large bricks, each 25c, 5 for $1.00, postpaid. By express, per doz $1.50, per 25 $2.50.

Imported French Spawn—Loose, in boxes, $1.00 each, postpaid, $1.15. By express, $8.50 per dozen boxes.

Mushrooms

SIMMERS' ONION SEED

German—*Zwiebel.* French—*Ognon.*

(One ounce will sow 100 feet of drill; 4 to 5 pounds per acre.)

CULTURE—The onion thrives best in a rather deep, rich, loamy soil, and unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The best culture requires that the ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to pulverize. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread it firmly; sow thinly, in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply, or to collect it about the growing bulbs.

YELLOW VARIETIES

LARGE YELLOW GLOBE DANVERS—The most popular yellow onion all over the country. Our strain of seed has been selected most carefully, the flatter onions being thrown out. The name "Globe" in this connection must be taken comparatively, as the **True Danvers Onion** is never so perfectly globe-shaped as the *Southport Yellow Globe.* All the perfectly globe-shaped varieties are later maturing than the **Yellow Globe Danvers.** We cannot too strongly recommend our seed of this variety; from careful trials we know it is unsurpassed by any strain. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, lb 90c.

Large Yellow Flat Danvers—In quality and size equal to the preceding, but flat in shape. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, lb 90c.

Large Yellow Strasburg or Dutch—One of the oldest varieties, good keeper and fine flavored. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, lb 90c.

Extra Early Yellow Cracker—It is the earliest of the yellow onion sorts of superior quality, and like the extra Early Red is an excellent kind to raise where the seasons are short, and often profitable to the market gardener who brings the first ripe onions to the market. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.20.

PRIZE TAKER—This is a large beautiful onion that is offered for sale in the fruit stores and in the markets of all large cities. They are of enormous size, averaging 14 to 16 inches in circumference. Although of such great size they are very hardy, and a very fair winter keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. (See cut.) Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.40.

Southport Yellow Globe—Same shape as White Globe, color yellow, an excellent keeper. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.20.

Giant Yellow or Lemon Rocca—Very handsome shape with flattened top. They grow to measure 5 inches in diameter. Pkt 5c, oz 15c 2 oz 25c, ¼ lb 40c, lb $1.40.

Australian Brown—Is of medium size, wonderfully hard and solid, and most attractive for market, both as to form and appearance. They are extremely early in ripening, and never make any stiff-necks or scallions. Planted with Red Wethersfield, it proved to be nearly 4 weeks earlier and ripened off more uniformly. The color of the skin is a clear amber brown. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, lb 90c.

RED VARIETIES

Large Red Wethersfield—The most profitable red onion for the market gardener as it is the heaviest yielder, 600 to 800 bushels having frequently been harvested on a single acre from seed sown in spring. It is of good, strong flavor, the best keeper and an excellent shipper. It grows to good size, single onions often weighing from 1 to 2 pounds. In short it is the best red onion for everybody. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, lb $1.00.

Extra Early Red—Quite distinct and true (American growth) about ten days earlier than the preceding. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.20.

Southport Red Globe—Pkt 5c, oz, 15c, 2 oz 30c, ¼ lb 40c, lb $1.40.

Red Victoria—The skin is deep blood red, flesh white and of sweet mild flavor. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.40.

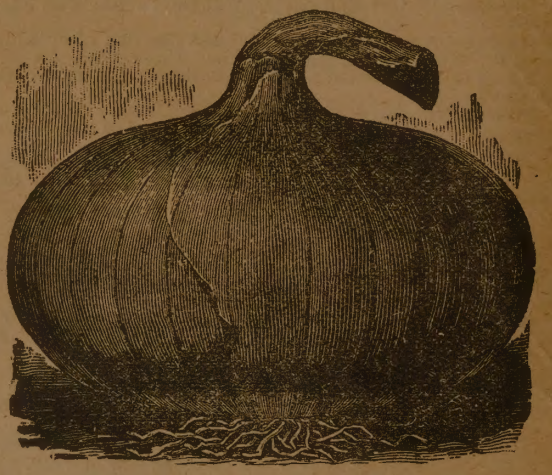
Giant Brown Rocca—Very large and globular, light brown skin and delicate flavor. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.40.

Mammoth Pompeii—This excellent Italian variety grows to an enormous size. Onions weighing from 4 to 5 pounds each have been grown of this variety. The skin is a delicate red, and the flesh is close grained and nearly white. It is a very mild flavor. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.60.

Red Tripoli—excellent quality. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.60.

Large Red Madeira—Large, tender and a good keeper. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.60.

Simmers' Large Yellow Globe Danvers Onion



Australian Brown Onion

Large Yellow Strasburg or Dutch Onion

Southport Yellow Globe Onion

Large Red Wethersfield Onion

SPECIAL OFFER NO. 8

ONION SEED—1 Pkt Each for 15c.

Yellow Globe Danvers — Large Red Wethersfield
Prize Taker — White Barletta Pickling

The "NEW ONION CULTURE"—T. Griener. Price 50c postpaid.

If you use ONION SEED in large quantities, please state how much and let us quote you

"Prize Taker" Onion

SEEDS
We pay postage on packets ounces and ¼ pounds, also on pounds except where noted.

Mammoth Silver King Onion

..Onion Sets..

Please write us for prices on bushel lots of Onion Sets (prices fluctuate) and we will quote lowest market rates.

(One quart of sets is needed for 40 ft. of drill)

☞ Please remember that Onion Sets are subject to fluctuations of the market, and the prices quoted below are those of the time when this Catalogue was published, and are not binding throughout the season.

White Potato or Multiplier Onion Sets—are of a pure silvery white color and very productive, of excellent size and quality for bunching green, or can be ripened for use as pickling Onions. Their keeping qualities are remarkable, but their most important qualities are their extreme earliness, being ready for market from three to four weeks ahead of other onion sets. Pt 20c, qt 30c, 2 qts 55c, 4 qts $1, postpaid. Peck $1.25, bush $4.50, carriage extra.

Yellow Onion Sets (Dutch Sets)—Pt 15c, qt 25c, 2 qts 45c, 4 qts 90c, postpaid; peck $1, carriage extra.

White Onion Sets (Dutch Sets)—Pt 20c, qt 30c, 2 qts 55c, 4 qts $1, postpaid; peck $1.50, carriage extra.

English Potato Onion Sets—The real English multiplier. Lb 20c, 2 lb 35c, 4 lbs 65c, postpaid; peck $1.25, carriage extra.

Top or Button Onion Sets (Red and Yellow)—Pt 20c, qt 35c, 2 qts 65c, postpaid.

Shallots, or Multiplier Onion Sets—For early spring use. Qt 18c, 2 qts 35c, 4 qts 70c, postpaid; peck 90c, carriage extra.

Egyptian or Perennial Tree Onion—For fall delivery only. Grows for years without any protection or care, except to keep down weeds. It starts so early in the spring that it is ready for use long before any other onion can be had. It is mild flavored, sweet and tender. Pt 15c, qt 20c, 2 qts 35c, postpaid; peck 60c, carriage extra.

SPECIAL OFFER, No. 9—One pint each **White and Yellow Dutch Sets 35c,** one quart of each 50c, four quarts of each $1.80, by mail, postpaid.

ONIONS

Large White Varieties

Southport White Globe — Handsome globular onion, of mild flavor, good keeper, one of the best. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Largest White Portugal—Mild flavor, good keeper, extensively grown for market. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

White Victoria—Skin and flesh pure white, of sweet mild flavor. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Mammoth Silver King—The bulbs are of attractive form, flattened but thick through, bulbs often weigh from 2½ to 4 pounds each; the skin is a beautiful silvery white. Flesh is snowy white and of a particularly mild and pleasant flavor, so sweet and tender is the flesh that it can be eaten raw like an apple. (See cut). Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

White Pearl—One of the earliest varieties, of a pure white color, mild flavor and attractive appearance. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

White Tripoli or Mexican — Excellent quality. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Large French or Welsh—This variety should be sown in August; it is excellent for salads. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.40.

White Pickling Varieties

White Barletta—This variety is most distinct on account of its great earliness. It is three weeks earlier than the White Queen. It is of a beautiful waxy white color, with finely formed bulbs, flattened at top. Its earliness highly recommends its use as a substitute for Onion Sets, and it is without a rival for pickles. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb $1.80.

Small White Nocera—Fine for pickling, very small and round, pure white. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb $1.80.

Silverskin—A handsome Onion of mild flavor, extensively grown for pickling. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.50.

White Queen—Remarkable for its extreme earliness and very mild flavor, it is small and white skinned, much liked for pickling. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Onion Sets

Early Small White Silverskin Onion for Pickling

Small White Nocera Onion

White Barletta Onion

White Potato or Multiplier Onion Sets

Hollow Crowned Parsnip

German—*Pastinake.* **PARSNIPS** French—*Panais.*

(One ounce will sow about 150 feet of drill).

CULTURE—Parsnips succeed best in a deep, free, rich soil; that having been heavily manured for previous crops should be selected, and if manure must be used, let it be well decomposed. Sow in drill 15 to 18 inches apart, as early in the spring as possible, thin out, leaving 6 inches between them. The roots are hardy and are improved by frost, and it is usual to take up sufficient in the fall for winter use, leaving the rest in the ground until spring to be dug up as required.

Large Long Smooth Dutch Hollow Crowned—We believe this is the finest stock of Parsnip that can be procured. The roots run of uniform size, and are smooth. The growing taste for this delicious vegetable will make this strain particularly desirable. (See cut). Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 50c.

Improved Guernsey or Half Long—The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. The roots are very smooth, the flesh fine-grained, and of excellent quality. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 50c.

Early Round—A short variety, crown broad and rounded, somewhat hollow at the insertion of the leaves, very fine flavored. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 50c.

French—*Gombo.* **OKRA OR GUMBO** German—*Essbarer.*

(One ounce will plant 100 hills).

CULTURE—Its long pods, when young, are used in soups, stews, etc. It is sown at the usual time of all tender vegetables, in drills 2 inches deep, setting the plants from 2 to 3 feet apart.

Long Pale Green—Long-ribbed pods, this variety generally succeeds the best of any. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c.

Dwarf Green—Earliest, with small, green, smooth pods. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c.

French—*Pfeffer.* **PEPPERS** German—*Pimeant.*

(One ounce of seed will produce 1,000 plants).

CULTURE—Peppers are sown as early as possible in spring, in a hotbed or warm room, one-quarter of an inch deep, and transplanted about the middle of May, in drills 18 inches apart each way, or in hills with plenty of rotten manure at the bottom. The soil must be rich and strong, and in the course of the summer an occasional watering with liquid manure or a moderate solution of guano will be beneficial.

Improved Bull Nose or Large Squash or Bell Pepper

Improved Bull Nose or Large Squash or Bell—Of mild flavor, favorite sort for pickling and for use in the natural state. Pkt 5c, oz 30c.

Long Cayenne—Best for pickles, pods long, cone-shaped. Pkt 5c, oz 30c.

Long Red—Pods brilliant red, 2 to 4 inches in length. Pkt 5c, oz 30c.

Monstrous or Grossum—Remarkably large and irregular in shape, sweet and thick flesh. Pkt 5c, oz 50c.

Procopp's Giant—They are of a brilliant scarlet color, flesh fully one-half inch thick. They are just hot enough to be pleasant. Each plant ripens from 8 to 12 perfect fruits, from 8 to 10 in. long by 3 in. thick. Pkt 5c, oz 40c.

Celestial—The plant begins to sets its fruits early in the season, and continues until frost. They are from 2 to 3 inches long, of clear, sharp flavor. Pkt 5c, oz 40c.

Sweet Spanish—Fruit obtusely conical, often 4 inches in length, nearly 3 inches in diameter, glossy scarlet at maturity, the earliest of all, sweet, mild and pleasant. Pkt 5c, oz 30c.

Small Red Chili—Fruit very piquant and small, about 2 inches in length. Pkt 5c, oz 30c.

Long Red Pepper

PEPPERS—*Continued.*

Mammoth Golden Queen or Mango—Beautiful golden-yellow color, very sweet, of dwarf growth, with very large fruit. Pkt 5c, oz 30c.

Black Nubian Pepper—Fruit a deep blue-black, while the stalks are also black, and the fruit as it ripens turns to a rich maroon. Superior for pickling at any stage, and when ripe are of a very sharp, pungent flavor. Pkt 5c, oz 40c.

German—*Petersilie.* **PARSLEY** French—*Persil.*

(One ounce will sow 125 feet of drill).

Soak the seeds a few hours in warm water and sow very early in the spring, in drills 12 inches apart; thin out the plants to 6 inches apart. To have green during the winter remove plants into a box and place in a light cellar or cold frame.

Best Extra Triple Curled, with leaves finely cut and curled and of a deep emerald green hue. Extra fine for garnishing and culinary purposes. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 75c.

Covent Garden Garnishing or Champion Moss Curled—A perfectly curled variety. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 75c.

Covent Garden, or Champion Moss Curled Parsley

SPECIAL OFFER No. 10

MOSS CURLED PARSLEY, LONG RED PEPPER, HOLLOW CROWNED PARSNIP

ONE PACKET EACH FOR 10 CENTS

German—*Kurbis.* **PUMPKINS** French—*Courge.*

(One ounce will sow about 20 hills).

CULTURE—Seeds are saved from enormous specimens, should be sown on hills with plenty of manure at bottom, in rather damp ground. Only 2 or 3 plants to each hill. Excellent for culinary and feeding purposes.

Simmers' Mammoth Prize Pumpkin—Flesh and skin bright golden yellow. Flesh fine grained, excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, fine keeper. Pkt 10c, oz 25c, 2 oz 40c.

Winter Luxury—This we recommend as one of the best pie pumpkins; an excellent keeper and enormously productive. It is finely netted and in color it is a golden russet. (See cut). Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

Large Yellow Mammoth Cheese—Hardy, productive and superior in all respects to most of the field grown sorts, fine grained and excellent flavor, growing to an enormous size. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

Japanese Pie—Flesh very thick, nearly solid, unusually fine grained, dry and sweet, resembling sweet potatoes in taste. It ripens early and keeps well. The seeds are very curiously marked. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 90c.

Large Field—Both for culinary purposes and for feeding cattle, a large yellow variety known as the Pie Pumpkin. Pkt 5c, ¼ lb 10c, lb 30c, postpaid 35c.

Jumbo—One of the largest varieties grown, very attractive. Pkt 5c, oz 15c, 2 oz 30c, ¼ lb 50c, lb $1.40.

Jonathan—A good keeper of large size, very prolific, smooth, and even fleshed; very sweet and fine for pies. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 90c.

SPECIAL OFFER No. 11

PUMPKINS

One Packet each

SIMMERS' MAMMOTH PRIZE

JUMBO

JAPANESE PIE

For 15 Cents

Winter Luxury Pumpkin

SEEDS ARE DIFFERENT from other merchandise. The real value of Seeds can only be known after months of labor. Buy your seeds of a reliable seed house with a reputation back of it. Seeds of real merit must be grown and sold by practical, trained seedsmen, with a reputation made and to be maintained.

Potatoes

German—*Kartoffel.* French—*Pomme de Terre.*

(In drills 3 feet apart; 12 to 14 bushels to the acre; 1 peck will plant about 125 hills.)

"A. B. C. of Potato Culture," by Terry. Price 50c.

We Shall Ship as early as is safe from frost, but we will ship when requested any time customers wish to take their own risk. On late orders it will save time to state, in case supply of some kinds is exhausted, whether you wish us to return money or substitute other sorts of same value.

Prices on Potatoes are subject to market changes.

EARLY PRIDE

It is oblong in shape, the eyes being shallow. The skin is a delicate pink color and the flesh white, and in cooking qualities it is unsurpassed. It grows a very even size, there being few very large or very small tubers. On account of its extreme earliness, it is not affected by the usual late summer and fall droughts, while its keeping qualities are not surpassed by any late variety in cultivation to-day. Enthusiastically pronounced by all who have tried it—a perfect potato.

Lb 20c, 3 lbs 50c, postpaid; peck 40c, bush $1.40, bag $2, carriage extra.

EARLY MARKET

Grows a rather spare upright top, matures its crop very quickly, and produces heavy yields of large, smooth potatoes with few small ones. It usually yields better than the Ohio. It is just as early and just as good in quality. The tubers have the peculiar specks characteristic of all the Ohio class.

Lb 20c, 3 lbs 50c, postpaid; peck 40c, bush $1.40, bag $2, carriage extra.

"THE BOVEE" Extra Early

Not only is it early, but it takes a leading place among the heavy cropping varieties, *an unusual thing among first earlies.* The vine is dwarf and stocky, and the tubers grow remarkably close, all bunched together in the hill close to the vine. They size up to a marketable size very evenly, none too large or too small.

Lb 20c, 3 lbs 50c, postpaid; peck 40c, bush $1.40, bag $2, carriage extra.

Extra Early "OHIO JUNIOR"

The Earliest of All and a Great Cropper

This variety is 2 weeks ahead of the old Early Rose, and is a special favorite with farmers and marketmen, and the most profitable potato they can possibly grow. The tubers grow compact in the hill, are easily dug, very few small ones; few eyes, which are even with the surface. With heavy manuring, *close planting* (they can be planted almost a half closer than most other kinds on account of their upright growing tops), and good culture, a very large and profitable yield can be expected. This is our specialty in standard early varieties. We are confident that many do not know a true Early Ohio, and have grown some other for it, having been deceived in the purchase of the seed.

Lb 20c, 3 lbs 50c, postpaid; peck 40c, bush $1.40, bag $2, carriage extra.

GEM OF AROOSTOOK Main Crop

Gem of Aroostook has a light flesh-colored skin, is oval in shape, and is of very pleasing appearance. The table quality is perfect. The vine is strong, of half upright growth, with medium green foliage. It is a heavy cropper, and the tubers are extremely sound and firm, with good keeping qualities. A main crop variety.

Lb 20c, 3 lbs 50c, postpaid; peck 40c, bush $1.40, bag $2, carriage extra.

"UNCLE SAM" Main Crop Variety

Very productive, *but its crowning merit is its superb cooking qualities,* which will ultimately place "*UNCLE SAM*" on every table where quality in potatoes is appreciated. Its handsome, pure white floury appearance attracts the attention of all. It is a medium late variety. The tubers are oval, with pure white russett skin, with very shallow eyes near the surface.

Lb 20c, 3 lbs 50c, postpaid; peck 40c, bush $1.40, bag $2, carriage extra.

ROSE OF THE NORTH

Early, Excellent Quality, Grand Keeper and a Wonderful Cropper

Strong and stalky, of medium height. The tubers are even in size, averaging from 8 to 12 ounces apiece, and of a beautiful rose color, varying a shade lighter only when grown on new land. Under good cultivation as many as 14 potatoes, all fit for market, have been produced from one single eye planted. In earliness, the Early Market has proved a few days in advance, but on July 1st, when Rose of the North were dug, the tubers of the latter were by far the largest, cleanest and best.

Lb 20c, 3 lbs 50c, postpaid; peck 40c, bush $1.40, bag $2, carriage extra.

Extra Early OHIO JR. Potato

EARLY OHIO

As the name implies, is an early variety. It is a rapid, vigorous grower, vines strong and of a healthy dark green. Its cooking qualities are unsurpassed. When planted on good soil big returns can be expected, as it is an exceptionally heavy yielder. Tubers in shape are oval to long, and light rose in color. We especially recommend them to the market garden trade and to the home garden for first early.

Lb 20c. 3 lbs 50c, postpaid; peck 40c, bush $1.40, bag $2, carriage extra.

SPECIAL OFFER No. 12

1 lb each of

ANY THREE VARIETIES

Delivered free for **50c**, 3 lbs each **$1.40**

Also

1 peck each **$1.10**, 1 bush each **$4**, by freight or express at purchaser's expense.

Early Market Potato

POTATO EYES (Free by Mail)

The eyes as put up by us are in as good condition for growing as if freshly cut from the potato, and will produce just as good a crop, hence everyone who has a garden can order at any time during the winter or early spring, and save express or freight charges. We offer 4 varieties this season as follows:

25 Eyes Extra Early Ohio Jr..30c. | **25 Eyes Gem of Aroostook....30c.**
25 Eyes Early Pride.....30c. | **25 Eyes Early Market.....30c.**

SPECIAL OFFER—25 eyes each of the above 4 varieties for $1 postpaid.

POTATO SEED, per pkt 25c.

PEAS

German—*Erbsen.* French—*Pois.*

One pound will plant about 50 feet of drill, from 2 to 3 bushels per acre.

Please add five cents per pound for postage

Surprise Pea

CULTURE—The Pea comes earliest to maturity in light, rich soil. For general crops a deep loam or a soil strongly inclined to clay is the best. For early crops mild manure, such as leaf mould, should be employed. Plant as early as the weather will permit, in well-prepared soil, and cover about two or three inches deep. Sow three feet apart for early kinds and four feet for late. For a continuous supply sow from early in April until the last of June, then discontinue until the middle of August, when an extra early sort will sometimes produce a good crop. Soak in warm water for a few hours previous to sowing.

Packets of any Variety 5 cents each

EARLY VARIETIES

Simmers' First of All—This variety is unequalled for excellence, yield, size of pod and regularity of ripening. Height two feet, produces pods of good size, which are well filled with round, smooth peas of splendid flavor. It is a prodigious bearer, and in this last feature and in its extreme earliness consists its great value to market gardeners and truckers. At the same time we know of no other variety that is more popular than Simmers' First of All in private gardens. Lb or pt 15c, qt (2 lbs) 25c, peck $1.25, bush $4.80.

Surprise Pea (See cut)—One of the earliest of the wrinkled sorts, fully as early as the smooth varieties, but far superior in quality. The vines grow about two feet high, and are enormously productive, bearing many pods, which are well filled with deliciously sweet peas; not quite as large as the American Wonder, but fully its equal in quality. Lb 25c, qt 40c, pk $2.25.

McLean's Blue Peter—One foot, quite dwarf, requiring no support, a splendid bearer and exquisite flavor, pods comparatively large and well-filled. Lb or pt 20c, qt (2 lbs) 35c, pk $2.

Alaska—The earliest blue pea, very uniform in growth, the dark green color of the pods, combined with its earliness, makes it a most desirable extra early pea for market and private gardens. Height two feet. Lb or pt 15c, qt 25c, pk $1.50, bush $5.40.

McLean's Little Gem—Premium Gem, one foot dwarf green wrinkled marrow, has all the sugary flavor of the late wrinkled peas, besides being very early. Needs no sticks. Lb or pt 20c, qt (2 lbs) 35c, pk $2.

Gradus or "Prosperity"—This is a large-podded marrow of the finest quality, maturing pods only two or three days later than the small-podded, round-seeded extra earlies. The vine has heavy stems with large dark green leaves, and in rich soil grows three feet in height. It produces uniformly large pods measuring from four to four and a half inches in length, nearly round, and well-filled with very large, handsome peas, which remain tender and sweet for some time. Lb or pt 25c, qt 50c, pk $3.50.

Laxton's Alpha—The earliest wrinkled pea, fully as large as the Daniel O'Rouke, with the advantages of a rich quality. Two and a half to three feet high. Lb or pt 20c, qt (2 lbs) 35c, pk $2.

Nott's Excelsior—Robust and vigorous in growth, throwing out laterals from base to haulm, producing in profusion long handsome pods, closely packed with large peas of fine flavor. Seed green, wrinkled, square at the end like American Wonder. Height, twelve inches. Lb or pt 25c, qt 45c, pk $2.25.

American Wonder—Ten inches. One of the earliest wrinkled peas in cultivation, exceedingly productive and of very dwarf and compact growth; quality the very best. Lb or pt 20c, qt (2 lbs) 40c, pk $2.25.

William Hurst—A dwarf, compact growing variety similar to the American Wonder. The vines are more productive, the pods mature more nearly at one time, enabling the whole crop to be taken off at one or two pickings, while the quality is superior. Vines grow eight to ten inches high, with deep green foliage, haulm quite stiffly erect, close jointed and very productive. Pods two and a half inches in length, slightly pointed at each end. Lb 20c, qt (2 lbs) 40c, pk $2.25.

Daisy or Dwarf Telephone Pea—Ripens evenly and yields with the larger sorts. The vines grow fifteen to eighteen inches high, are dwarf, stalky and vigorous, very productive, the plants frequently bearing from five to seven pods. The pods are about five inches long, and well-filled with large, thick, pale green peas of good lasting qualities. The pods often contain as many as ten peas. In season it is medium, being from five to seven days earlier than Stratagem. Lb 25c, qt 45c, pk $2.50.

Gradus or "Prosperity" Peas

MEDIUM EARLY VARIETIES

HEROINE—Pods remarkably long and handsome, slightly curved, well filled with large luscious peas of fine flavor—a gem of the first water. Height, two feet. Seed green and very much wrinkled. Lb 20c, qt 35c, pk $1.75, bush $7.

Bliss' Everbearing—Two feet, a splendid general crop pea, pods averaging four inches long and containing six to eight wrinkled peas of enormous size, many being over one-half inch in diameter, while in sweetness of flavor they are unsurpassed. Lb or pt 15c, qt (2 lbs) 30c, pk $1.50, bush $6.

Blue Imperial—Three feet, large pods and prolific, a good summer pea of fine flavor. Lb or pt 15c, qt (2 lbs) 25c, pk $1.30, bush $4.80.

Horsford's Garden—Grows from two to two and a half feet high. It is extremely prolific, and bears its pods always in pairs, and on some of the best plants over 150 pods have been counted. One of the sweetest peas. Lb 15c, qt 30c, pk $1.50, bush $5.40.

Edible Podded or Sugar Peas

Tall Scimitar Sugar—Pods are edible, very sweet, 7 to 10 inches long, grows 6 feet high, can be used in green state like string beans. ¼ lb 10c, lb or pt 25c, qt 50c, pk $2.50.

Dwarf Sugar—Pods edible, 2 feet high, can be used in green state like string beans. ¼ lb 10c, lb or pt 25c, qt 50c, pk $2.50.

Nott's Excelsior Peas

If Peas are to be Sent by Mail be sure to add Five Cents per Pound for Postage

Thomas Laxton Pea

PEAS (Continued)

Packets of any variety 5 cents each

LATER OR GENERAL CROP

Improved Stratagem—The old Stratagem Pea has always been one of the best late sorts for quality, but it was a shy yielder, which impaired its usefulness. The Improved Stratagem has all the sterling qualities of the original type, and is one of the heaviest yielders. The vines are of medium height, very stocky, the pods are of immense size, well filled with very large dark green peas. Pt 20c, qt 35c, peck $1.75.

Telephone—This strong growing, sweet, wrinkled Pea is driving out of the local market the common kinds of early hard peas, owing to its strong growth, large, handsome, well-filled pods and very fine table quality. The vines often bear 18 to 20 pods per stalk, each containing 6 to 7 large peas; 4 feet high. Pt 20c, qt 35c, peck $1.75.

Burpee's Profusion—Is of vigorous growth, attaining 3 feet in height and of a very branching character. The pods are usually produced in pairs, from 50 to 90 pods to the plant. The pods are well packed with *large luscious peas of very sweet and splendid quality.* The plants are continuous bearers, extending over a period of several weeks. Pt or lb 25c, qt 40c, peck $3.

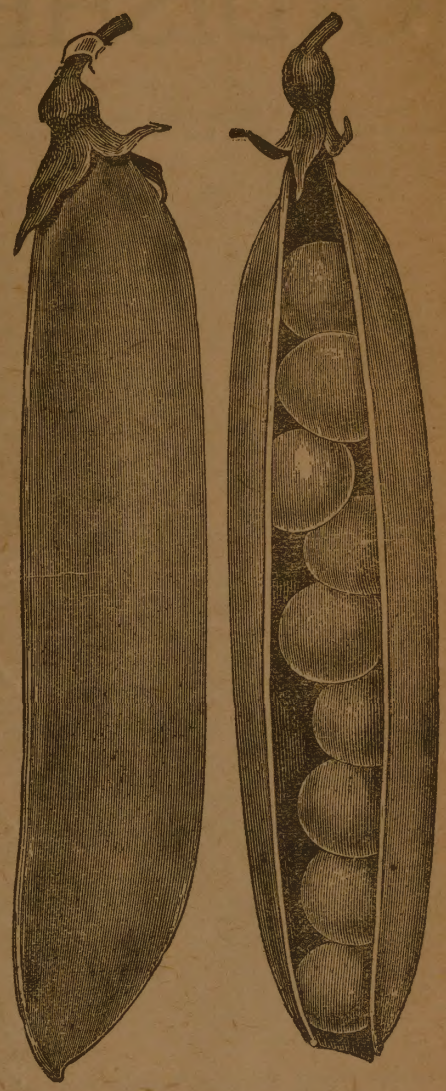
Pride of the Market—It grows from 18 inches to 2 feet in height, and bears grand pods well filled from top to bottom with large, fine flavored peas. Its robust constitution, enormous yield and superior appearance ensure its acceptance as a favorite with the public. Pt 20c, qt 35c, peck $1.75.

Champion of England (4 feet)—Universally admitted one of the best peas grown; a delicious flavor and good bearer. Lb or pt 15c, qt 25c, peck $1.30.

Black-Eyed Marrowfat (3 feet)—Best for general crop, has large and well-filled pods; a popular market variety. Lb or pt 10c, qt 20c, peck 75c, bush market price.

Large White Marrowfat—Well known, prolific and of good flavor, 3 feet high. Lb or pt 10c, qt 20c, peck 75c, bush market price.

Yorkshire Hero (2½ feet)—Very prolific, and of delicious flavor. Lb or pt 15c, qt 25c, peck $1.40.



Improved Stratagem Pea

IMPROVED PEANUT OR GROUND PEA

The peanut plant is a pea which blossoms in the air and then thrusts the ovary under ground for development. The ripened ovary or seed pod is the peanut of commerce. The choice variety which we offer is early, large, prolific, yielding fewer imperfect pods than any other kind. The nut is red, with two or three kernels to the pod; large and of rich flavor. Pkt 10c, pt 25c, qt 40c, postpaid.

The Three Best Peas
FOR THE HOME GARDEN

These can all be planted at the same time, and they will be ready for use in succession.

NOTT'S EXCELSIOR—Earliest and best Dwarf Pea.

HEROINE—Best second early Pea.

IMPROVED STRATAGEM — Best large podded late variety. For further description see general list.

No. 13 SPECIAL OFFER

Large packet each of 3 Peas postpaid 20c.
Half-pound each of the 3 Peas, " 40c.
One " " " 3 " " 75c.

RHUBARB OR PIE PLANT

German—*Rhubarber.* French—*Rhubarbe.*

(*One ounce will produce about 500 plants*)

Johnston St. Martin Rhubarb

CULTURE—Sow in April in drills one inch deep and one foot apart; when the plants are three or four inches high, thin out to ten inches apart, and cultivate well during the season; in fall or following spring transplant into hills about three feet apart each way. The soil must be very deep and heavily manured. Give a top dressing of manure every fall.

Johnston St. Martin—It is immediately productive, one of the earliest, and has a rich, spicy flavor, very similar to the gooseberry when used for pies. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Myatt's Linnæus — One of the best for family use, thin skin, very early and productive. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Victoria—Similar to the preceding, but more acid and productive. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Large Roots of any of the above—Each 15c, 4 for 50c, per doz $1.50 postpaid; doz $1.80, 100 $10.00 by express.

SALSIFY
or VEGETABLE OYSTER

German—*Bocksbart.* French—*Salsifis.*

(*One ounce will sow 50 feet of drill.*)

CULTURE—The directions for sowing and cultivating Carrots, given on Page 12, apply also to Salsify. From its resemblance in flavor to Oysters it derives its name. Soak the seed before sowing, in warm water for 12 hours.

Mammoth Sandwich Island—This variety is of very large size, twice that of the ordinary Long White; pure white, very tender and delicious; invaluable for the market gardener. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.30.

SCORZONERA
or BLACK OYSTER PLANT

(*One ounce will sow 50 feet of drill.*)

CULTURE — Cultivated the same as Carrots or Salisfy. The outer rind of the roots being scraped off, they are steeped in water to abstract a part of its bitter flavor. They are then boiled or stewed in the manner of carrots or parsnips.

Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb $2.

Mammoth Sandwich Island Salisfy

RADISHES

German—*Radieshen und Rettige*
French—*Radis.*

(One ounce will sow 100 feet of drill).

CULTURE—See **Simmers' Vegetable Garden** which contains full cultural directions. Free to customers—ask for it; to others 10c.

Early Scarlet Olive-Shaped Radish

EARLY AND SUMMER VARIETIES

EARLY ROUND OR TURNIP-SHAPED

Triumph (Forcing)—The small, round, pure white roots are marked with bright scarlet, in flakes and in short lines running around the circumference. Very desirable for forcing under glass. Skin thin, flesh crisp, tender and mild in flavor. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.20.

Early Scarlet Turnip-Rooted—Small top, quick growth, mild and crisp, best for market, Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

Early White Turnip-Rooted—Very early flesh and skin white. Grown for mixing in with bunches of red radishes. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

Early Scarlet White-Tipped Turnip-Rooted—A very pretty variety, excellent for market, and fine for forcing. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

Early Scarlet Globe (Forcing)—A most desirable turnip sort for hotbed forcing; very early and in flavor mild, crisp, juicy and tender; top small and will stand the heat well without becoming pithy. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 70c.

Scarlet White Tipped Turnip-Rooted Radish

Early Non Plus Ultra (Forcing)—Unquestionably the earliest forcing radish, grows very rapidly and is fit for use within three weeks; the root is round and bright scarlet; the flesh tender and particularly delicate. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 70c.

Rosy Gem or Scarlet White Tipped Forcing—Shape is perfectly globular, with rich deep scarlet top, blending into pure white at bottom, exceedingly tender, crisp, and delicious; desirable for growing under glass. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 70c.

EARLY OLIVE-SHAPED

Early Scarlet Olive-Shaped White Tipped (Forcing)—(*French Breakfast Radish*)—A variety of quick growth, mild and tender, and one of the best for forcing. Oval form, scarlet, tipped with white. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

Early Scarlet Olive-Shaped—A very early and handsome variety, of a livid rose color and oblong shape. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

Early White Olive-Shaped—Similar to scarlet, skin being white. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

Early Nine-Pin Shape (Forcing)—Scarlet, so called on account of its shape. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 60c.

French Breakfast or Scarlet Olive-Shaped White Tipped Radish

EARLY LONG

Wood's Early Frame (Forcing)—A long, scarlet, excellent for forcing. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

Long White Naples—Excellent for table, flesh white, crisp and mild. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

Improved Chartier—The color at the top being crimson, running into pink about the middle, and from thence downwards it is a pure waxy white. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 60c.

Long White Vienna ("LADY FINGER")—The radishes being long, slender, pure white, crisp, and very mild in flavor. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 70c.

Long Scarlet, or Early Short Top—A standard variety for market and private gardens. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

Winter Varieties

White Chinese (Celestial) one of the largest in cultivation. The flesh is white and solid and the flavor excellent. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 30c, lb $1.00.

Long Black Spanish—Very large and one of the best for winter use. Pkt 5c, oz10c, 2 oz 15c, ¼ lb 20c, lb 60c.

California Mammoth or Long White Spanish—Very large, rather milder than the Long Black. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

Long China Rose—Winter, very desirable, light rose color, flesh fine and piquant. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

Round Black Spanish—Large, of firm texture. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

White Chinese Radish

SPECIAL OFFER No. 15

1 pkt Scarlet Turnip Radish.
1 pkt Victoria Improved Spinach.
1 pkt Rosy Gem Radish.
1 pkt Scarlet Olive-Shaped Radish.
} **For 15c.**

Our Radish Mixtures

Summer Varieties / **Winter Varieties** } Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

Large Leaved Giant Flanders

SPINACH

German—*Spinat.*
French—*Epinard.*

(One ounce will sow 100 feet of drill; 10 to 12 lbs. for one acre).

CULTURE—Sow in drills one inch deep and one foot apart; the summer varieties in April for summer use, and the winter varieties in August or September for winter or spring use.

VICTORIA IMPROVED—The foliage is heavy, the broad, dark green leaves being of a true Savoy appearance, and of the finest quality, it remains in prime condition from two weeks to three weeks after all other varieties of spinach have run to seed. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 30c.

Extra Large Leaved or Giant Flanders—A splendid variety, with leaves much larger and broader than any other variety, round, thick and fleshy, dark green. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 30c.

Round Leaf or Summer—The main market sort, equally good for either fall or spring sowing. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 30c.

Long Standing—Stands a long time before running to seed, otherwise similar to the well known Round Leaf. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 30c.

Prickly or Fall—Stands well in winter, but gives less bulk per acre than the Round Leaf. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 30c.

Bloomsdale Large Curly, or Savoy Leaved—Excellent, tender and fine flavored. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 30c.

Large Mountain Orach, or French Spinach—Cultivated and used like Spinach. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $1.50.

New Zealand—(Tetragonia perennial)—Fit for use the first year, must be slightly protected during winter. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 30c, lb $1.00.

Perennial—(Rumex Patentia)—Sow in spring and fit for use in autumn, quite hardy. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 60c.

SEA KALE

(One ounce will produce about 300 plants).

Seed—Pkt 5c, oz 25c, 2 oz 40c, ¼ lb 75c, lb $3.00.
Roots—Each 20c, 3 for 50c, doz $1.75. postpaid.

SQUASH

German—*Speisekurbisse.*

French—*Courge.*

(One ounce will plant fifty hills.)

CULTURE—Prepare the hills the same way as directed for Cucumbers on page 16. The bush varieties should, of course, be planted closer together than those with long vines.

Summer Varieties

Bush Vegetable Marrow—A decided improvement on the old trailing Vegetable Marrow; the fruit is larger, handsomer, more ribbed or fluted, and of strictly bush form. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.50.

Vegetable Marrow (Running)—Well-known variety, oblong, skin greenish yellow, flesh white, rich flavor. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.20.

Perfect Gem—Excellent both for summer and winter use. Wonderfully productive. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.20.

Summer Crookneck—Early, productive and good quality, fruit orange yellow. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, lb $1.

Bush Scallop—Yellow. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, lb $1.

Long Island Bush Scallop—White. A selection of the old White Bush Scallop, and a vast improvement, having less prominent ridges and being much deeper. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.20.

Mammoth Whale—The squashes are often three feet long, of a dark, rich color, and sometimes weigh over one hundred pounds. The flesh is solid, of a beautiful orange-yellow color, and of excellent quality. It is a good winter keeper. Pkt 10c, oz 20c, 2 oz 30c, ¼ lb 50c, lb $1.50.

Winter Varieties

Golden Hubbard Squash—In shape same as the Green Hubbard, but the skin is a rich orange color. It matures earlier, and is more productive. The color of flesh is deep golden yellow, cooks dry and is of fine flavor. The keeping qualities are fully equal to the old variety. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.00.

Green Hubbard—The standard winter squash, of good size, dry, fine-grained, orange-yellow flesh and dark olive-green skin. Our seed is the very best strain. Pkt 5c, oz 15c, 2 oz 30c, ¼ lb 45c, lb $1.50.

Chicago Warted Hubbard—A specially fine strain of the popular and well-known Hubbard Squash. The fruits are large and uniform in size, with rich, dark skin, generally set thickly with small excrescences or warts, very productive. The strain has deservedly become very popular in many markets. Pkt 5c, oz 15c, 2 oz 30c, ¼ lb 50c, lb $1.80.

Marblehead—Flesh lighter in color than the Hubbard, while in combination of sweetness, dryness and delicious flavor is something really remarkable. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.50.

The Faxon—The flesh is a deep orange-yellow, cavity small and seeds few. The special peculiarity, however, is that while uncooked it appears to have a shell like any other squash, when cooked there is practically none, the shell or edible part being only about as thick as a sheet of writing paper. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

Delicata—Color of this variety is orange-yellow, splashed and striped with very dark green. The quality is splendid, being rich and dry. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

Essex Hybrid—Rich flavored, fine grained and sweet, flesh very thick, rich colored and solid; very early. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, lb $1.50.

Boston Marrow—Fine large and sweet; it keeps well in winter and will boil dry as a potato. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 35c, lb $1.20.

Bay State—Extremely solid, heavy weight, fine and dry flesh, sweet flavor, beautiful golden-yellow, very handsome, shell extremely hard and flinty, and excellent keeper. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 35c, lb $1.20.

Pike's Peak or Sibley—Skin smooth and thin and of a pale green color, flesh thick, solid, vivid orange in color, very dry, of fine grain and delicate flavor. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

Fordhook—The flesh is dry and sweet, of best quality. In a cool dry room it keeps in perfect condition until late in June when summer squashes are ready. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

Large Mammoth Yellow Chili—Grows to an immense size, often weighing 200 lbs; excellent for all uses. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

English Vegetable Marrow

Summer Crookneck Squash

Golden Hubbard Squash

SPECIAL OFFER No. 16

One Packet Each of

Mammoth Whale Squash
English Vegetable Marrow
Hubbard Squash

For 15 Cents

SPECIAL OFFER No. 17

One Packet Each of

Green Hubbard
Golden Hubbard
Chicago Warted Hubbard
Summer Crookneck
} Squash

For 15 Cents

TOBACCO

Seed is generally sown in hot-beds in March and April, though sometimes in cold frames or even the open ground. As soon as plants are from four to five inches high, and all danger of frost is passed, they should be transferred to open ground in rows four feet apart and from two and a half to three and a half feet apart in the rows. After planting the ground should be stirred with a one-horse cultivator about once in ten or twelve days, so as to keep the land thoroughly clean from weeds, and in a porous and mellow condition. Frequent cultivation will also induce more favorable conditions of moisture. This should be continued as long as the cultivator can be passed through the rows without injuring the plants. After this, as the roots of the plants will then almost fill the space between the rows, the ground should be kept clean by shallow hoeing.

Small Red Canadian—Pkt 5c, oz 60c.

Connecticut Seed Leaf—Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

White Burley, Yellow Pryor, Blue Pryor, Yellow Orinoco and Climax—Each, pkt 5c, oz 25c, 2 oz 40c, ¼ lb 75c, lb $2.50.

Virginia Seed Leaf—Pkt 5c, oz 40c, 2 oz 75c, ¼ lb $1.25, lb $3.50.

Havana (Vuelta de Abajo)—Cuban grown. Pkt 5c, oz 40c.

Zimmer's Spanish—One of the most popular, very early, finest quality. Pkt 5c, oz 40c, 2 oz 75c, ¼ lb $1.25, lb $3.50.

"TOBACCO CULTURE"—Full practical details from the propagation of the seed to the harvesting, curing and marketing of the crop, by fourteen experienced tobacco growers. Price 25c postpaid.

"TOBACCO LEAF"—Myrick & Killbrew, $2.

Tomato

German—*Liebesapfel.*

French—*Tomate.*

(One ounce will produce 1,500 plants).

CULTURE—Sow in a hotbed about the first week in March, in drills about five inches apart and half an inch deep. About the middle of May, in this latitude, the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotted manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart, water freely at the time of transplanting, and shelter from the sun a few days until the plants are established.

The "Century" Tomato—This is the best extra early Tomato yet introduced, as early as the earliest tomato grown, and unqualifiedly superior in other respects. Its value lies not only in the actual time of ripening its first fruit, but that such enormous quantities of fruit can be gathered, while all other so-called earliest are ripening only a few. The fruits are of good size, perfectly round and remarkably handsome, smooth as glass, and of brilliant scarlet. The flesh is remarkably solid, having but few seeds. See cut. Pkt 10c.

Freedom—Very early. The fruit is borne mainly in clusters, perfectly round, of a bright, dazzling shade of scarlet. The texture and toughness of the skin insures its value as a shipper. The flesh is remarkably solid, having but few seeds, and the flavor is perfect. Pkt 10c, oz 40c.

Magnus—The form is perfect, uniform, large and attractive, flesh is very firm, a robust grower. The fruits are very deep from stem to blossom end, many of them being almost globe shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. Pkt 10c, oz 40c.

Fordhook Fancy—The habit is dwarf and compact, the leaves dark green, heavily blistered or crimped as in a fine Savoy Cabbage. The fruits are of medium size, very smooth and regular both in size and form, solid and free from cracks, quite fleshy, with few seeds and of sweet flavor. Pkt 5c, oz 25c, 2 oz 40c, ¼ lb 75c, lb $3.

Imperial Tomato

"Century" Tomato

"Imperial"—The fruit is large, smooth and solid. It not only produces very early fruits, but it will hold out through the season until late in the fall. It is also a splendid keeper. In color it is that attractive pink. Pkt 5c, oz 25c, 2 oz 40c, ¼ lb 75c.

Creekside Glory—Very robust and exceedingly prolific. It carries its fruit in clusters which are large, round and perfectly smooth and of a deep rich red color. It ripens early, has a most delicious flavor and is a good keeper. Pkt 10c, oz 30c, 2 oz 50c, ¼ lb 75c, lb $3.

Crimson Cushion—More symmetrical than the Ponderosa, and much thicker, in fact, so marked is this characteristic that it is frequently almost round. The color is brilliant scarlet crimson, untinged with purple, and ripens up almost completely to the stem. Pkt 5c, oz 25c, 2 oz 40c, ¼ lb 75c.

Earliana—Earliest, smooth bright red tomato, of large size. Pkt 10c, oz 60c.

Enormous—Large smooth bright red tomato. Pkt 5c, oz 35c, 2 oz 60c.

Lorillard (Forcing)—A good sort for forcing under glass, as well as for outdoor culture; bright red, smooth, early. Pkt 5c, oz 25c, 2 oz 40c, ¼ lb 75c, lb $3.

The Stone (Simmers' Selected)—Fruit very large and deep, bright scarlet, smooth, ripening evenly to the stem without a crack, exceedingly solid and firm-fleshed, of the finest quality, the best for family use and for canneries. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb $2.

Table Queen (Simmers' Special)—Perfectly smooth and round; for slicing it is the tomato *par excellence*, as it is wonderfully solid and contains comparatively few seeds. The color is a rich shade of crimson. Pkt 5c, oz 25c, 2 oz 40c, ¼ lb 75c, lb $3.

Early Ruby or Atlantic Prize—By far the earliest of all the large-size tomatoes which combine good form, rich crimson color, and solidity. Pkt 5c, oz 25c, 2 oz 40c, ¼ lb 75c.

Yellow Varieties

Dwarf Golden Champion—Similar to the scarlet of same name, with the exception that the fruit is of a beautiful lemon yellow color. Pkt 5c, oz 30c, 2 oz 55c, ¼ lb $1.00.

Golden Queen—Large, smooth, yellow, excellent flavor and sweet, very productive. Pkt 5c, oz 30c, 2 oz 55c, ¼ lb $1.00.

Yellow Peach—Very distinct, fruit of medium size, resembling a peach in size, shape and bloom, color yellow. Pkt 10c, oz 40c, 2 oz 75c.

Preserving Varieties

Yellow Cherry
Small Red Cherry
Small Red Currant
Yellow Plum
Yellow Pear
} Pkt 5c, oz 50c.

WINTER CHERRY, also called Strawberry or Ground Cherry and Barbadoes Gooseberry or Mexican Tomato (*Physalis Alke-kengi*)—Culture same as Peppers. The fruit of the plant, which is a berry enclosed in an inflated calyx, is eaten as a common fruit, and is particularly pleasant for tarts. Pkt 10c, oz 60c.

Older Standard Varieties

Our Tomato Seed has all been grown by Tomato specialists who plant for seed only.

Per pkt 5c, oz 25c, 2 oz 40c, ¼ lb 75c, any of the following:

Dominion Day
Beauty
Mikado
Buckeye State
Ignotum
Livingstone's Aristocrat
Honor Bright
Plentiful
Livingstone's Royal Red
Trophy
Dwarf Champion

The following per pkt 10c, oz 40c, 2 oz 75c, ¼ lb $1.25.

Ponderosa
Fordhook First
Peach

Simmers' Selected Stone Tomato

Table Turnips

German—*Weize Ruben.* French—*Navet.*
One ounce will sow 150 feet of drill.
Two pounds will sow an acre.

For Field Turnips see "Farm Seeds," pages 32 and 33

CULTURE—For early use sow as soon as the ground can be worked in the spring, in drills 15 inches apart and thin to 8 inches apart as soon as plants are large enough to handle. For succession sow at intervals of a fortnight until the last week of July, from which time until the end of August sowings may be made for main and late crops. The sowing should always be done just before rain if possible as the success of the crop in a great measure depends upon quick germination and a rapid and free growth at first.

SIMMERS' EARLY MELTING SWEDE—An excellent distinct variety, peculiarly suitable for garden culture on account of its flavor, fine form and rich golden yellow color. This variety is claimed by all *market gardeners and private gardeners* to be the finest grained, best keeping table Swede turnip in cultivation. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 50c.

Extra Early Purple Top Milan—A strap-leaved variety, a week earlier than the ordinary early sorts. It retains its good qualities and remains a long time fit for use. The bulbs are white with a purple top, round, flattened and solid with a very slender tap root; flesh pure white, sweet and crisp. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 70c.

Extra Early White Milan—Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

White Stone, or Early Snowball—An early garden variety, clear white, medium size, delicate flavor, and quick growth. Pkt 5c, oz 10c, ¼ lb 15c, lb 40c.

American Breadstone—Of medium size, very quick growing and quite smooth. White, with faint colored top, the flesh is perfectly white, fine grained, and cooks in fifteen minutes, tender and sweet. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 80c.

White Flat Dutch—An excellent variety, the best for spring sowing. Pkt 5c, oz 10c, ¼ lb 20c, lb 50c.

Early Golden Ball or Orange Jelly—A rapid grower, excellent flavor, globe shape. Pkt 5c, oz 10c, ¼ lb 15c, lb 40c.

Red Top, Strap-Leaved—Fine grained and of buttery flavor, the best for market gardens. Pkt 5c, oz 10c, ¼ lb 15c, lb 40c.

Red Top, Strap-Leaved Turnip

Early White Egg—An egg-shaped variety for spring or fall sowing, flesh white, firm, fine grained, mild and sweet. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

White Nimble Dick—One of the best for market and general use, fine flavor and very early. Pkt 5c, oz 10c, ¼ lb 20c, lb 50c.

Maltese—Early variety, fine flavor. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 75c.

Herb Seeds

(Sweet, Pot and Medicinal)

Anise—Pkt 5c, oz 20c, ¼ lb 40c.
Balm—Pkt 5c, oz 25c, ¼ lb 75c.
Basil Sweet—Pkt 5c, oz 20c, ¼ lb 75c.
Borage—Pkt 5c, oz 25c, ¼ lb 75c.
Caraway—Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb 75c.
Catnip or Catmint—Pkt 5c, oz 50c.
Coriander—Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c.
Dill—Pkt 5c, oz 15c, ¼ lb 35c, lb $1.
Fennel Sweet—Pkt 5c, oz 15c, ¼ lb 50c.
Horehound—Pkt 5c, oz 20c, ¼ lb 75c.
Hop Seed—Pkt 5c.
Hyssop—Perennial, 2 feet high. Pkt 5c, oz 25c, ¼ lb 75c.
Lavender—An aromatic, medical herb. Pkt 5c, oz 15c, ¼ lb 50c.
Lemon or Winter Thyme—Perennial, 6 inches. Pkt 10c, oz $1.
Lovage—Perennial, 5 feet. Pkt 5c, oz 20c, ¼ lb 75c.
Mint—Perennial, 4 foot high. Pkt 10c, ¼ oz $3.
Marjoram Sweet—Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.25.
Pennyroyal—Pkt 10c.
Peppermint—Pkt 10c.
Rosemary—Pkt 5c, oz 35c, ¼ lb $1.25.
Rue—Pkt 5c, oz 20c, ¼ lb 60c.
Rampion—Perennial, 6 inch. Pkt 5c, oz 30c.
Sage—Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.25.
Sage, Broad-Leaved—Perennial, 1 foot. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.50.
Sorrel—Perennial, 6 inches. Pkt 5c.
Summer Savory—Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, lb 75c.
Tansy—For medicinal use. Pkt 5c, oz 35c.
Tarragon—Pkt 10c.
Thyme—Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.40.
Winter Savory—Pkt 5c, oz 20c.
Wormwood—Used medicinally, and is beneficial for poultry. Pkt 5c, oz 25c.

Miscellaneous Seeds

Wild Rice Seed

DIRECTIONS FOR SOWING—Put the rice in coarse cotton or linen bags, and sink them in water for 24 hours. Sow in water which is from 6 inches to 5 feet deep, in soft mud bottom, and in places where there are but few weeds. It is useless sowing these seeds except on a mud bottom, or on low marshy places which are covered with water the year round. In running water sow as much out of the current as possible.

Wild Rice (Zizania Aquatica)—Lb 25c, postpaid 30c; 10 lbs or over 22c per lb, carriage extra.

Imported Evergreen Broom Corn—The stalks may be fed to cattle in a green state. Pkt 5c, lb 15c, 3 lbs 40c, postpaid.

German Camomile Flowers—Oz 10c, lb $1.

Bird Seeds and Requisites—(If by mail add 16 cents per pound.)

	Per lb
Canary Seed (3 lbs 25c)	$0 10
Hemp Seed Russian (3 lbs 25c)	10
Mixed Bird Seed (3 lb pkts 25c)	10
" " " (1 lb pkts)	10
Millet Seed Chinese	5
Sunflower Seed (3 lbs 25c)	10
Cuttlefish Bone (per oz 10c)	50
Rape Seed, German (3 lbs 25c)	10

	Per lb
Iona Seed	$0 25
Maw or Poppy Seed	25
Lettuce Seed	30
Silver Washed Bird Gravel (3 lbs)	10
Mocking Bird Food	30
Peter's Treat Song Restorer, pkt	10
Bird Lice Destroyer and Bellows	30
Simmers' Canary Powder, bottle	25

Bird Seeds of all kinds, recleaned and free from dust and dirt, always on hand by the 100 lbs at lowest market price, and of the finest quality.

BIRD BOOKS

"American Bird Fancier," a very useful and instructive work on the care of birds, price 50c.
Cottam's New Illustrated Book on "Cage Birds," 25c, postpaid.
Brock's Book on Birds, 25c.

BIRD CAKE

A delicious Treat and Song Restorative Food for Canary Birds. This food is prepared with the greatest care, the most delicate and nutritious preparation ever discovered for the longevity of Pet Birds. Our experience in handling restoratives for song birds enables us to recommend this Tonic in the form of food to prolong the life of birds confined in cages. It gives the songster a strong and clear voice, improves the plumage, and will keep birds, although very old, always in health by producing the desired effect on the digestive organs. Give to young, as well as to old birds.

Per cake 5c, 6 for 25c, per doz 45c.

Mammoth Sage Plants

The plants are very strong growing, the first season attaining 1 foot in height and spreading so that a single plant covers the space of 3 feet, the leaves are borne well above the soil, keeping them clean; they are very large and of unusual substance, strong in flavor and of superior quality. A single plant yields more than a dozen plants of the common sage; perfectly hardy, it rarely flowers and never runs to seed. Price, each 15c, 2 for 25c, 5 for 50c, postpaid.

GINSENG

The Greatest Money Maker of the Age. The dry root now sells for $10.00 per pound. Be careful where you buy your seeds; much inferior stock is offered which will ruin your success at the start.

Ginseng can be grown in any situation which is shady, cool and damp. The soil can easily be prepared so as to liken the natural conditions under which the root is found. Where there is no natural shade it can be artificially supplied.

The stock we will supply is the true American Ginseng, for the root of which there is always a steady sale and for which the highest price is paid.

Price for 1 year old stratified seeds, 10 seeds 35c, 25 seeds 75c, 100 seeds $2.50.
1 year old roots, each.....20c, 3 for 50c.
2 " " " .....35c, 3 for $1.

VEGETABLE PLANTS

Well Grown, Thoroughly Hardened, Well Packed, True to Name

By Mail or Express — **Prices Are Subject to Change**

The fact that these plants are all grown from choicest stocks of seeds is sufficient recommendation as to the genuineness of the varieties. They can be shipped fresh and well packed at a day's notice. This is of the greatest importance to every planter.

When Plants are to be sent by mail add postage to the rate of Twenty-Five Cents per One Hundred to Prices of Cabbage, Celery and Cauliflower and Forty Cents per One Hundred to prices of Tomatoes.

	per 50	per 100
Cabbage, Early—Ready Ap'l 20 to 30,		
Early Jersey Wakefield	$0 30	$0 50
Simmers' German Brunswick	30	50
Henderson's Early Summer	30	50
Cabbage, Late—Ready June 1st.		
Simmers' German Brunswick	20	30
Surehead	20	30
Savoy Drumhead	20	30
Red Drumhead	20	30
Cauliflower—Ready April 20th to 30th.		
Early Dwarf Erfurt	40	75
Early Snowball	40	75
Cauliflower—Ready May 20th to 30th.		
Early Snowball	30	50
Dwarf Erfurt	30	50

	per 50	per 100
Celery—Ready June 1st.		
White Plume	$0 40	$0 75
Paris Golden Yellow	40	75
Celery—Ready June 20th.		
Paris Golden Yellow	40	75
White Plume	40	75
Simmers' Large Ribbed White	40	75
Pepper—Long Red ..... per doz $0 15	50	90
Tomato—Ready May 15th to 30th.		
Ignotum " 15	50	90
Mikado " 15	50	90
Dwarf Champion " 15	50	90
Table Queen " 15	50	90
Sweet Potato Plants—		
Extra Early Carolina and Early Nansemond " 30	75	1 25

Sweet Potato Plants

We shall be pleased to make special prices on large quantities.

TREE SEEDS

Deciduous and Evergreen, Ornamental, Shade, Forest, Hedge and Fruit

"Trees can be as easily grown from seed as the most common vegetable.—Fuller.

CULTURE—Sow early in spring, in well prepared beds, about two inches deep. When the seeds begin to germinate cover the bed lightly with pine boughs to shade the young plants from the sun. When the plants are all up, the brush should be gradually removed, but replaced again before winter sets in. Let the plants remain in the beds for about two years, then transplant into rows two feet apart, leaving about twelve inches between each plant. Keep the ground clean, and when the plants are strong enough remove them to where they are intended to remain.

Apple Pips—Per oz 10c, ¼ lb 15c, lb 50c.

Arbor Vitæ, American (*Thuya Occidentalis*)—A small tree about 30 feet high; popular for hedges, screens, etc. Pkt 10c, oz 25c, lb $2.50.

Barberry (*Berberis Vulgaris*)—One of the best hedge plants grown. It is very hardy, and forms a dense shrub of 4 to 8 feet high, covered with sharp stout prickles. Pkt 5c, oz 15c, ¼ lb 30c, lb $1.

Beech (*Fagus Ferruginea*)—A noble forest and shade tree of graceful habit. Wood hard and excellent for many mechanical purposes. Pkt 10c, oz 15c, lb $1.

Black Thorn (*Prunus Spinosa*)—Pkt 5c, oz 10c, ¼ lb 30c, lb $1.

Black Walnut (*Juglans Nigra*)—Grows rapidly in good rich soil. The nuts should be planted in the fall. Lb 10c, postpaid 15c, peck 60c, bush $2.

Catalpa, Hardy Western (*Catalpa Speciosa*)—A handsome shade and ornamental tree of tropical appearance. Foliage large and luxuriant. Flowers borne in large pannicles late in the spring. In favorable locations it attains a height of 60 feet or more, it is a very rapid grower, is very hardy and has been tested up to 40 degrees north latitude. Wood very durable. Valuable tree. Per oz 15c, ¼ lb 30c, lb $1.

Honey Locust (*Gleditschia*)—A well-known tree of ornamental and graceful appearance, extensively used for hedges. Pkt 5c, oz 10c, lb 40c.

Maple, Sugar (*Acer Saccharinum*)—A beautiful as well as a valuable rapid growing tree, preferring a calcareous soil. Pkt 5c, oz 15c, lb $1.25.

Mountain Ash (*Pyrus Americana*)—Much cultivated for ornament, for which its fine foliage, clusters of white flowers and red berries eminently qualify it. Pkt 5c, oz 10c, lb $1.

Spruce, Norway (*Abies Excelsa*)—A very popular hedge evergreen, extensively used for sheltering and for screens. Pkt 5c, oz 10c, lb $1.

Osage Orange (*Maclura Auriantiaca*)—A well-known hedge plant, native of the Southern States. Pkt 5c, oz 10c, lb 60c.

Pear Seed—Pkt 10c, oz 20c, lb $2.

Pine Austrian (*Pinus Austriaca*)—One of the most popular pines, being very hardy and ornamental. Grows very rapidly and to a great height. Pkt 5c, oz 15c, ¼ lb 40c, lb $1.50.

Pine, Scotch (*Pinus Sylvestris*)—One of the most rapidly growing species of pines, very suitable for screens for the protection of orchards or buildings. Pkt 5c, oz 15c, ¼ lb 40c, lb $1.50.

Pine, Sugar (*Pinus Lambertiana*)—This magnificent tree grows to the height of 300 feet, and endures the cold of the North-West without injury. Pkt 10c, oz 50c, lb $5.

Quince (*Cydonia Vulgaris*)—Small irregular trees, bearing an excellent fruit for preserves and jellies. Pkt 5c, oz 20c, lb $2.

Russian Mulberry—A variety of Mulberry brought by the Mennonites from Russia, and as it grows to the height of 30 feet in a few years, and stands the cold of the North-West, will no doubt become a standard for that country. Pkt 5c, oz 25c, ¼ lb 75c, lb $2.50.

Collection of Tree Seeds for 25 Cents

One packet of each of Black Thorn, Honey Locust, Sugar Maple, Mountain Ash, Norway Spruce, Austrian Pine, Russian Mulberry—8 packets for 25c, by mail, postpaid.

BOOKS, Agricultural and Horticultural

All Books Sent Postpaid on Receipt of Price Except where Noted

Apple Culture, Field Notes on. Bailey	$0 75
Propogation of Plants. Fuller	1 50
Allan's New American Farm Book	2 00
American Bird Fancier	50
Animal Breeding. Thomas Shaw	1 50
Asparagus. F. M. Hexamer	50
Alfalfa. F. B. Coburn	50
Barry's Fruit Garden. New Edition	1 50
Bee Culture, A.B.C. of Root	1 25
Breeds, Study of. Thomas Shaw	1 50
Bulbs and Tuberous-Rooted Plants. C. L. Allen	1 50
Cabbage, Cauliflower and Allied Subjects. C. L. Allen	50
Cabbage, Treatise on. By. J. H. Gregory	30
Canadian Poultry Review, monthly, per year	50
Cranberry Culture. J. J. White	1 00
Celery for Profit. Greiner	20
Cottam's Illustrated Book on Cage Birds	25
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Dairymen's Manual. Hy. Stewart	1 50
Diseases of Swine. D. McIntosh ..... Postpaid, $2.25	2 00
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Fruit Culturist, American. Thomas ..... Postpaid, $2.75	2 50
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Gardening for Young and Old. By J. Harris	1 00
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Insects Injurious to Fruits. Saunders	2 00
Land Drainage. Manly Miles	1 00
Landscape Gardening. F. A. Waugh	50
Mangels, Carrots, etc. Treatise on. By J. H. Gregory	30
Manures, How to Make and How to Use Them. S. W. Spencer, paper	40
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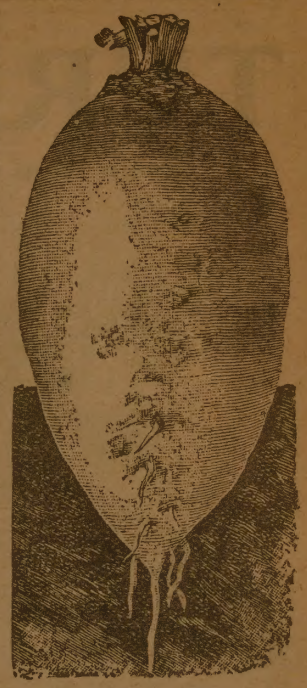
The "ABC" of Agriculture	50
Vegetable and Flower Garden. Published by J. A. Simmers	15
Your Plants	40

FARM SEEDS

CONDITIONS OF SALE—It is impossible for us to guarantee the crop in any way, as there are so many causes over which we can have no control that operate against the growth and productiveness of the seeds. All seeds bought from us must be on the condition that we give no warranty, expressed or implied, as to description, quality, growth, productiveness or any other matter, of any seeds we sell; nor will we hold ourselves in any way responsible for the crop.

If wanted by mail add 5c per pound postage to all varieties of **Field Carrot, Sugar Beet, Mangel** and **Turnips.**

We hold a very large and carefully selected stock of Agricultural Seeds of a quality the most reliable and unsurpassed in Canada.



Simmers' Imperial Giant Half-Sugar Beet

Danish Improved Sugar Beet

SUGAR BEETS

Sow from the middle of April to the first of June, in drills 2 feet apart, then thin to 9 inches to the row. Six pounds of seed per acre, average yield 20 to 25 tons per acre. For milch cattle they are valuable.

Danish Improved Sugar Beet—This variety is distinguished by its great productiveness, in rich, deep soil, in good cultivation, nearly approaching the standard varieties of Mangel Wurzels in yield of bulk (they standing closer than the Mangels), together wi h a high percentage of sugar. For fattening purposes, and for feeding to milch cows, in cases where a liberal flow of rich, creamy milk is the main object (for butter production), this variety is especially to be recommended. It is one of the cleanest and best beets for cattle feeding that we have. **Price**—¼ lb **10c,** lb **30c,** 4 lbs **$1.00,** 10 lbs **$2.30.**

Improved Imperial Sugar Beet—A most popular Sugar Beet for feeding cows, sheep or swine. Yields as much as most Mangels, and contains 8 per cent. of sugar. Has yielded 30 to 40 tons per acre at a cost of 5 cents per bushel. ¼ lb **10c,** lb **20c,** 4 lbs or over **15c** per lb.

Wanzleben—In Europe this kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. Easy to dig, is a heavy yielder, and contains from 12 to 15 per cent. of sugar. ¼ lb **10c,** lb **30c,** 4 lbs or over **25c** per lb.

Red Top Sugar—An excellent variety, growing to a very large size. ¼ lb **10c,** lb **20c,** 4 lbs or over **15c** per lb.

White Silesian—The root is slender, being about 3 to 4 inches in diameter at the shoulder, and tapers gradually to a point. Yields nearly 20 tons per acre, containing 8 per cent. of sugar. ¼ lb **10c,** lb **20c.** 4 lbs or over 15c per lb.

SUGAR BEET—Culture of, by Herbert Myrick. Price 50c.

FIELD CARROTS

SIMMERS' IMPROVED GIANT SHORT WHITE—We always claimed this carrot to be the equal, if not the superior, of every white field carrot, and it has certainly fully proved all we ever said about it. It is of good shape, very broad at the shoulder, tapering to a point; its surface is very smooth, with few or no roots growing on the sides. In texture it is very fine, and in color pure white, with an excellent flavor. These are the individual points of the carrot. In addition it is a very **heavy cropper,** in fact it is by far the **heaviest** of any other we have ever heard of, and on account of its shape and of its smooth skin, it is **easily harvested.** The above is a true description of the carrot we offer as our **Improved Giant Short White,** and for its own qualities it should be grown by everyone who wants a white field carrot. It is especially suitable for shallow soil. In shape it very much resembles the Oxheart, except that the roots grow more to a point. While other varieties require digging, our **Improved Giant Short White can be pulled.** Try it for yourself, and you will not be disappointed. Oz **5c,** ¼ lb **15c,** lb **40c.**

Large White Belgian—This attains the largest size, and will yield more in bulk than any other sort grown. The root is thick and long, growing from ⅓ to ½ of its length above the surface. Oz 5c, ¼ oz 10c, lb 30c.

Yellow or Orange Belgian—Color pale orange. A good keeper. Oz 5c, ¼ lb 15c, lb 40c.

Improved Long Orange or Surrey—A standard late variety, handsome and uniform in shape, deep orange color, good flavor, yields heavily. Oz 5c, ¼ lb 15c, lb 50c.

Scarlet Intermediate—Stump-rooted, valuable variety for shallow soils. Oz 10c, 2 oz 15c, ¼ lb 20c, lb 60c.

Common Sense Sugar Beet Hoe

Positively no Tool superior for loosening soil and removing weeds, or for ease, efficiency, and rapidity of work. Leaves the soil level. Works both ways. Specially adapted to plants in their early stages. **Price**—Each **$1.00.**

Chicory

Chicory seed should be sown in the spring in drills half an inch deep, and in good, mellow soil; the after culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The principle use of Chicory, however, is to use with coffee. One ounce of seed will sow about 100 feet of drill, and from 2 to 3 pounds per acre.

Large Rooted Long Magdeburg—Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 45c, 4 lbs or over, per lb 40c.

Simmers' Imperial Giant Half-Sugar Beet

QUITE DISTINCT FROM ANY OTHER ROOT IN CULTIVATION

This new type is a cross between the Sugar Beet and Mangel Wurzel, combining the large size of the former and the superior sugar qualities of the latter, and we consider it to be one of the most valuable introductions of recent years. Among the trials of field roots the past season, none was more promising than this. The root, which is well shown in the accompanying illustration, is intermediate in shape, standing upright, and at least three-fourths of its length out of the ground. The color of the root is deep pink above the ground, shading lighter and sometimes almost white at the tip. The flesh is white, firm, and very sweet, and greatly relished by cattle. It is certainly a magnificent root, and produces enormous crops. The fact of the roots growing well above ground allows them to be the easiest of all roots to harvest.

Price—¼ lb **10c,** per pound **25c,** 4 pounds and over **22c** per pound.

Simmers' Improved Giant Short White Carrot

TURNIPS

Grown from Selected Roots

The following are the most popular standard English and other varieties, having for years given the greatest satisfaction to our numerous customers, being procured from the *most reliable growers.* The **Swedes** are sown from May until the middle of July; the **Aberdeens** and **Globes** from July to the latter part of August. *If sown broadcast, from 1 to 2 pounds are required to the acre; and if sown in drills, from 2 to 4 pounds required to the acre.*

To the price of Turnip seed, **when wanted by mail add 5c per pound for postage.** Special prices on club orders, farmers' orders, or large orders for any variety of our Turnip Seeds.

Universal Purple-Top Swede Turnip

Simmers' Defiance Swede Turnip

This magnificent variety is unquestionably the most profitable of all bronze top Swede turnips, as well as the hardiest, heaviest, best shaped and by far the most productive, a yield of 1,000 bushels per acre and over, under careful cultivation, being of frequent occurrence. Bulbs are somewhat oval in shape, slightly oblong and remain sound and good indefinitely. Flesh is of a beautiful yellow color, always sweet, tender, juicy and nutritious, a variety that should be sown in preference to all others. Per one-quarter pound, 10 cents, pound 25 cents; 4 pounds or over 22 cents per pound.

Simmers' Defiance Swede Turnip

Universal Purple-Top Swede Turnip

One of the Best Purple-Top Swedes for all Soils. Resists drought and mildew

A magnificent new variety of exceedingly hardy constitution, standing well during severe weather, and keeping sound and good until very late in the spring, when many other varieties have failed. The root is well shown in our illustration stands high out of the ground, and is of handsome appearance. The yellow flesh is solid, of rich quality, and much appreciated by all classes of stock. Growing but a small top, with its uniform shaped root it will stand somewhat thicker in the rows than most swedes, when a very heavy weight per acre can be grown.

Price, per ¼ lb. 10 cents, per pound 30 cents; 4 pounds or over at 25 cents per pound.

Kangaroo Swede Turnip

Kangaroo Swede Turnip

A very hardy Swede, similar in size and growth to Elephant, color a bronze-green

This Swede is particularly adapted to soils and districts that are cold and backward

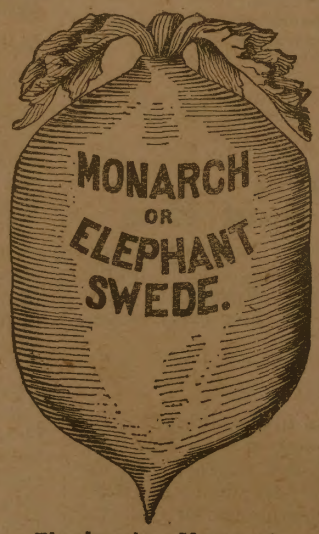
This splendid hardy Swede possesses the heavy cropping features of the famous Elephant or Monarch, with the grand constitution of the best types of bronze-green top swedes, and is increasing in popularity each year, particularly in those districts where the land lies exposed and is consequently cold and backward. It has been largely grown in the lower provinces of Canada, where it has produced the heaviest crops ever known in that section of the country.

Price, per one-quarter pound 10 cents, per pound 30 cents; four pounds or over at 25 cents per pound.

ELEPHANT or MONARCH

(JUMBO)

The reports received during past years from all sections of Canada pronounce this Turnip to be unequalled in size, quality and uniformly handsome appearance. The yield compared with other well-known roots, has been from 2 to 6 tons more per acre. In shape it is very distinct, being of the tankard type. The crown of the bulb is a beautiful bright purple and the lower half deep yellow; the flesh is very solid and nutritious and there is an almost total absence of fibrous or fangy roots. During the past season this variety has proven most satisfactory, so much so that we have every confidence in recommending Elephant or Monarch Swede to the farmers of the Dominion. Per ¼ pound 10 cents, per pound 25 cents; 4 pounds or over, 20 cents per pound.



Elephant or Monarch (Jumbo) Swede

Standard Swedes

Simmers' Champion Purple Top Swede

This magnificent Swede, the result of judicious selection, is the hardiest, most productive and most nutritious purple top variety in cultivation. It is large, yellow, slightly oblong, with single tap-root; free from coarseness of neck, and for uniformity of crop and keeping qualities is superior to all other Swedes. It produces a very heavy weight per acre, keeps sound and good until late in spring; flesh always rich and sweet in flavor. Per ¼ lb 10c, lb 25c, 4 lbs and over, 20c per lb.

BANGHOLM IMPROVED PURPLE TOP—Large andsolid, should be sown on rather heavy loam. Per ¼ lb 10c, lb 20c, 4 lbs or over 17c per lb.

	¼ lb	lb	4 lb or over lb
Carter's Imperial—On properly prepared ground never failing to produce a heavy crop of well-shaped solid roots	10c	20c	17c
Drummond's Purple Top Swede—A selected Scotch variety of great excellence, globular in shape, large solid of finest quality	10	20	17
East Lothian Purple Top—A favorite variety, solid and not liable to run to necks	10	20	17
Fettercairn Green Top—One of the oldest and most extraordinary heavy yielding varieties on rich loamy ground	10	25	20
Highland Prize—A very heavy cropping Swede and an excellent keeper, the roots being of handsome oval shape, uniform size	10	20	17
Hazzard's Green Top—Distinct variety; the flesh is firm and white, its hardy keeping qualities are superior to most sorts, and adapted to either field or garden cultivation	10	25	22
Hartley's Bronze-Top—Oval-shaped bulbs, large and solid, small neck and single tap-root, rich in quality, productive and a good keeper	10	25	20
Hall's Westbury—A very fine quality of Swede, good keeper.	10	20	17
Knowfield Purple Top—A large solid variety, of oblong shape and suitable for a clay ground	10	20	17
King of the Swedes—Very much like the preceding variety, but somewhat more uniform in size	10	20	17
Laing's Improved Purple Top—A globe-shaped variety, with small top and tap-root, suitable for sandy ground	10	25	22
Royal Norfolk Purple Top—A favorite variety with Norfolk growers, being a heavy cropper, very nutritious and a good keeper, one of the best	10	20	18
Sutton's Champion Purple Top—One of the heaviest yielding varieties and a general favorite	10	20	17
SKIRVING'S IMPROVED PURPLE TOP—Large and solid of strong and quick growth, suitable for clay soil	10	20	15
Sharpe's Improved Purple Top—A very heavy cropper, with small top, thin neck	10	20	17
Scottish Champion—Fine large roots, good for heavy soils	10	25	20
Shamrock Purple Top—Producing on well-prepared ground the heaviest and most uniform crop of well-shaped roots	10	20	17
White Giant Purple Top—A quite distinct sort of enormous size, preferred by many growers to the yellow varieties	10	25	20

To the price of Turnip Seed, **when wanted by mail add 5c per pound for postage.** Special prices on club orders, farmers' orders, or large orders for any variety of our Turnip Seeds.

Simmers' Champion Purple Top Swede Turnip

Yellow and White Turnips

For sowing after the Swedes	¼lb	lb	4 lb or over lb
Aberdeen Purple Top Yellow	10c	25c	20c
Aberdeen Green Top Yellow—With green tops	10	25	20
White Globe—For sowing after the Aberdeen, late as August	10	20	18
Cow Horn—Long, white, in shape resembling a cow-horn	10	30	..
Red Globe Norfolk—Medium sized; should be fed early	10	20	18
Improved Purple Top Mammoth—A variety producing a greater weight per acre than any other turnip, fine shape, excellent for early feeding, keeps well in winter if sown late	10	20	18
Greystone—A white variety, sown as late as the preceding	10	20	18

Bangholm Improved Purple Top Swede

Greystone Turnip

SPECIAL OFFER No. 20

Imperial Giant Half-Sugar Beet
Universal Purple-Top Swede Turnip
Kangaroo Swede Turnip

One-quarter pound each 30c, one-half pound each 45c, one pound each 95c, postpaid.

MANGEL WURZEL

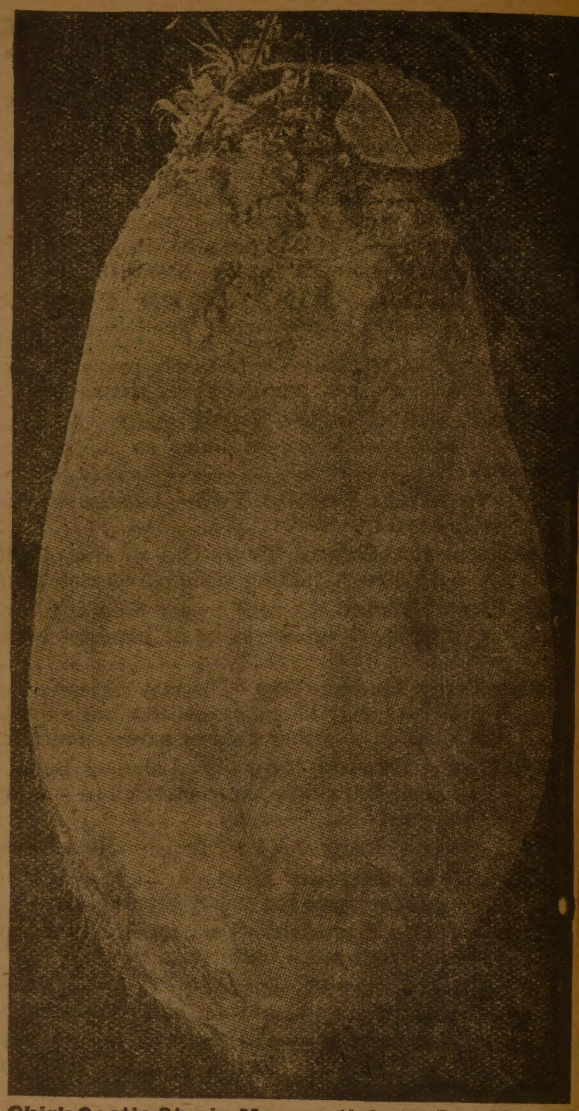
If Wanted by Mail Add Five Cents Per Pound Postage.

We have a very fine trade on Mangel Seed, and are careful to see that our stocks keep pace with all the improvements that are being made from year to year. We have our seed grown under contract in England by experts in that line, as there is no place in the world where Mangels and Turnips are produced in such perfection.

Simmers' Mammoth Prize Long Red—Our stock is a great improvement on the old variety. The roots are very large, uniformly straight and well formed. Color deep red. Roots solid. Tops small. Roots attain a large size, specimens being exhibited which weighed 55 pounds. Produce an immense bulk and tonnage. Per ¼ lb 10c, lb 20c; for 4 lbs and over, per lb 15c.

Chirk Castle Strain Mammoth Long Red Mangel—The greatest Mangel of the century. This new strain of the Mammoth Long Red Mangel is enormously productive; 1,500 to 1,800 bushels per acre is nothing uncommon on good soil, and many experimental stations and trial tests in the past year have produced considerably more. Single specimens have weighed over 60 pounds each. The flesh is red, of very fine texture and quality, containing less water and more sugar than any other mangel, making it more nutritious and milk producing. Sheep and other stock thrive better when fed on it, picking out pieces of it in preference to other kinds. Prominent mangel authorities consider this strain by far the most valuable and profitable of all mangels. Per ¼ lb 10c, lb 30c; 4 lbs and over, per lb 25c.

"Rivenhall Giant," Yellow Globe—This splendid Mangel, which has been raised and carefully selected by our grower, possesses all the fine feeding qualities of our Giant Yellow Intermediate, and it is also similar to that well-known variety in color—a rich golden yellow. The bulbs are Globe shape, large, very handsome appearance. Hardy in constitution and even under ordinary cultivation produces a great weight of roots per acre. It is also a remarkably clean grower and pulls well. Strongly recommended as a heavy cropper of most nutritious quality. ¼ lb 10c, lb 25c; 5 lbs and over, per lb 23c.



Chirk Castle Strain Mammoth Long Red Mangel

Giant Yellow Intermediate or Mammoth Half-Long Mangel

Champion Yellow Globe—This is one of the most generally grown of all the different varieties of mangels, and is very productive, easily pulled and an excellent keeper when stored in heaps for winter use. It is spherical in shape and an orange-yellow color—that portion growing above the surface is tinged with green. The flesh of the root is yellow, firm and sugary. Per ¼ lb 10c, lb 20c; for 4 lbs and over, per lb 15c.

Golden Flesh Tankard—The special features are the rich, deep yellow color of the flesh and its nutritious and milk producing qualities. In England, where it is considered indispensable, large dairy farmers state that they are not only able to obtain a higher price per gallon for milk from cows fed on this mangel, but also that the cows are in much better condition fed on hay and Golden Tankard Mangel alone than if fed on hay, Yellow Globe Mangel and four pounds of linseed cake per day. Per ¼ lb 10c, lb 20c; 4 lbs and over, per lb 15c.

Giant Yellow Intermediate, or Mammoth Half-Long—This entirely distinct mangel, first introduced by us, is considerably larger than the Yellow Globe Mangel, and is a beautiful russet yellow color. As shown in the illustration, it is remarkably even in shape, rather elongated, and of vigorous growth; it has a fine neck, large leaves with green stems and a very smooth, fine skin. The flesh is white, firm and sweet, greatly relished by cattle. Per ¼ lb 10c, lb 20c; for 4 lbs and over, per lb 15c.

SPECIAL OFFER NO. 19

FIELD ROOTS

Simmers' Improved Giant Short White Carrot.

Simmers' Improved Mammoth Prize Long Red Mangel.

Simmers' Improved Selected Champion Purple-Top Swede Turnip.

1 oz each of above 3 varieties..15c postpaid
¼ lb " " " 35c "
1 lb Mangel, 1 lb Turnip, ½ lb Carrot, ½ lb Imperial Giant Sugar Beet.....85c "

Mammoth Red Intermediate, or Oval-Shaped Giant—Very large and solid, fine grained variety, suitable for heavy ground, keeping as well as turnips during winter. Per ¼ lb 10c, lb 20c; 4 lbs and over, per lb 16c.

Red Flesh Tankard—A very large and heavy cropper, with small top and single tap-root, very solid and nutritious. Per ¼ lb 10c, lb 20c; for 4 lbs and over, per lb 16c.

Long Yellow—Similar in growth to Long Red, and considered by some growers sweeter in flavor and therefore preferred by cattle. Per ¼ lb 10c, lb 20c; for 4 lbs and over, per lb 16c.

"How to Grow Mangel Wurzel," J. H. Gregory, 30 cents.

BARLEY

"CHAMPION" Six-Rowed Beardless Barley

The best Barley ever offered, for a barley without a beard is an advantage, and then when you can get a variety such as this beardless, easy to harvest, tremendous in yield—what more do you want? These good qualities are all contained in the above variety, which has strong, stiff straw about 4 feet in length, with long well-filled heads. The grain is plump and very heavy, being in this respect superior to the old Success Beardless Barley, as also in its greater yield per acre.

Price—Per 2 lbs 25c, 4 lb 50c (postpaid); peck 40c, bush $1.25.

"Ideal" White Hulless—It is hulless, beardless, early, weighs over 60 lbs to the measured bushel, it yields well on poor land, yields enormously on good land, makes better pork than corn, makes excellent flour, the straw makes good hay, is of inestimable value to everyone who feeds stock. Per lb (postpaid) 15c, 3 lbs (postpaid) 40c, peck 40c, bush $1.25, 2 bush or over at $1.20.

Black Hulless—Per lb (postpaid) 15c, 5 lbs (postpaid) 50c, peck 30c, bush (50 lbs) $1.10, 2 bush at $1.05, 5 bush or over at $1.00.

Mandscheuri, Six-Rowed—Ontario Agricultural College report says:—"Among 37 varieties of barley grown for the past five years, Mandscheuri stands at the head of the list for yield." Bush 80c, 5 bush or over 75c.

Canadian Six-Rowed—Per bush 80c, 5 bush or over 75c.

Chevalier Two-Rowed — Grown from imported seed. Per bush $1.00.

Duckbill Two-Rowed—Per bush 90c, 2 bush at 85c.

White Hulless Barley

Champion Six-Rowed Beardless Barley

BUCKWHEAT

Japanese—Per 2 lbs 25c, 5 lbs 50c (postpaid); peck 25c, bush 90c.

Silver Hull—Per 2 lbs 25c, (postpaid); 5 lbs by mail, 50c, peck 25c, bush 80c.

Common Gray—Per bush 80c, 2 bush at 75c.

BEANS

The Prolific Dwarf Tree—White. Per lb 10c, peck 70c, bush $2.50.
California Pea—Yellow, very productive. Per lb 10c, peck 75c.
Postage 5c per lb extra.

FLAX SEED

For sowing, $1.90 per bush of 56 pounds.
For medicinal purposes. Per lb 10c, 5 lbs 30c, 10 lbs 50c. Postage 5c lb extra.

PEAS

Cow Peas—See page 38.

Grass Peas—The Grass Pea will effectually resist the bug, while for feeding it is claimed to equal the ordinary varieties. The shape of the pea is triangular, and is about the size of the Golden Vine or perhaps a little smaller. The straw is long and very fine and makes excellent feed. Per lb 15c, 3 lbs 40c (postpaid) peck 35c, bush $1.20.

Canadian Beauty—Per 2 lbs (postpaid) 25c, 4 lbs (postpaid) 50c, peck 40c, bush $1.40.

Mummy—It ripens about the same time as the Marrowfat, bearing its pod on the top of the haulm, yields one-half more peas to the acre than any other field variety. Per lb (postpaid) 10c, peck 40c. bush $1.50.

Multiplier—A fine white pea, which matures a few days earlier than the Golden Vine. It is much more productive than any of our common field varieties. Peck 30c, bush $1.10.

Also the following varieties of Peas:—**Golden Vine, White Marrowfat, Black-Eyed Marrowfat, Prussian Blue, Prince Albert, Crown.** Price on application.

GIPSY PEA

(Also called EGYPTIAN or CHICK PEAS.) Positively Bug Proof.

Prof. Zavitz, of the Ontario Agricultural College, says:—"Like the Grass Pea, this variety is **entirely free from the ravages of the pea weevil.**" The seed is somewhat larger than that of the common pea, and is enclosed in short thick pods. Usually not more than one pea in each pod. **As a producer**, it has been carefully tested and the average results show a yield of 38¾ bushels of grain per acre, from which it will be seen that the "GIPSY" is a large yielding variety. The straw is usually of poor feeding quality, as the leaves drop from the plants as they ripen, and the stems become of a fibrous nature.

PRICE—1 lb 15c (postpaid); peck 75c; bush $2.75.

SPELTZ

Claimed to yield 80 to 100 bushels of richer food than Corn, besides giving as much as **4 tons of good hay per acre.** Speltz is best described as a combination of Wheat, Rye and Barley, and **for fattening** Cattle, Poultry, Horses, Sheep, Pigs, etc., is equal to other grains. Heads similar to two-rowed Barley. Is not easily injured by the weather and will produce **enormous crops on poor soil.** Every farmer should try it.

CULTURE.—Prepare your land as you would for wheat or oats, and sow at the rate of 75 to 100 lbs per acre. Cut when the grain is past the middle stages of milk, when it will make splendid grain and lots of straw hay of excellent quality. Thresh like wheat, only not so closely. The hull and kernel can then be fed or first ground.

PRICE—Lb 15c, 2 lbs 25c, by mail (postpaid); peck 30c, bush of 40 lbs $1.10 a bush or more at $1.05, 5 to 10 bush at $1.00.

SPRING RYE

Peck 35c, bush $1.20.

TARES OR VETCHES

For Spring Sowing—(Sow from 2 to 2½ bushels per acre.) Grown for a forage crop. They can be cheaply raised; fed green, cured or ensilaged. They are sown at the rate of one-half bushel to the acre, with about one-quarter bushel oats to hold them up. Bush $1.60.

TRUE THOUSAND HEADED KALE

Profitable to Sheep Raisers—2 Acres Will Feed and Fatten 50 Sheep.

Just the Thing for Sheep, for Cattle, for Hogs, for Poultry, in Fact For any Animal that will eat Green Feed.

It is some years ago since public attention was especially directed at the London, Eng., Farmers' Club to the great value of this plant, since which time the cultivation has very largely increased. The plants average from two and a half to three feet in height, the stem being thickly studded with side-shoots, forming various sized heads, and producing an ordinary quantity of valuable green food. The best way is to plant it with a garden drill, dropping the seeds about eight inches apart in the row, and the rows 12 inches apart each way. One pound in this way will be sufficient for an acre. You will be astonished and delighted at the great amount of good food an acre of **Thousand Headed Kale** will bring.

The following extract is from Mr. Russell's paper read at that time on the subject:

"Towards the end of the month of April we drill in the 'Thousand Headed' Kale seed, which is the least known and most desirable of any green crop I have ever seen. It does not disagree with the stock, nor does it impoverish the land; with me it has never caused sheep or lambs to blow or scour."

¼ lb 10c; lb 25c postpaid. **By express or freight at purchaser's expense, 5 lbs or more at 18c per lb, if wanted by mail add 5c per lb to pay postage.**

We do not pay Freight on Seed Grain.

Genuine Dwarf Essex Rape is the Greatest Pasture and Soil Improver Grown. **See page 38.**

Send for Weekly Price List of Seed Grain, Clover and Grasses.

SEED OATS

"NEW CENTURY"

This variety has yielded more than double ordinary kinds under similar conditions.

Tested side by side with other oats, the "New Century" has actually double the number of bushels per acre. This can be partially attributed to the fact that in many cases the spikes or breasts will contain three full kernels where other oats give but two.

Price—Lb 15c, 4 lbs 50c, postpaid; by express or freight—Peck 30c, bush 90c, 2 bush $1.70, 5 bush $4.00, 10 bush $7.50.

"CANADIAN PRIDE"

The oats are white and have good large kernels. They weigh 40 lbs to the measured bushel. It is a branching variety with very stiff straw of vigorous growth, free from smut and rust.

Price—Lb 15c, 4 lb 50c, postpaid; by express or freight—Peck 25c, bush 80c, 10 bush or over at 75c.

"BLACK MESDAG"

We believe it the earliest Black Oat in cultivation, having ripened in 90 days. The straw is strong and stiff, and so far has never shown the slightest signs of rust. It is one of the greatest yielding oats on record. At the Central Experimental Farm, Ottawa, it yielded at the rate of 80 bushel per acre. It has a large branching head filled with plump grain, and is one of the heaviest black oats in the market.

Price—Lb 15c, 4 lbs 50c, postpaid; by express or freight—peck 25c, bush 80c, 5 bush or over at 75c.

"CANADIAN BEAUTY"

This new yellow variety grows a stiff bright straw, four to five feet high, surmounted by long heads. They start freely and yield abundantly, and are extra early in ripening. In rapidity of growth and productiveness no other variety can equal it. Our grower had a yield, the past season, averaging 82 bushels per acre.

Price—Lb 15c, 4 lb 50c, postpaid; peck 35c, bush $1.10, 2 bush and over at $1.00 bush.

THE "NEWMARKET"

Price, per lb 15c, 4 lbs 50c, postpaid; peck 30c, bush 75c, 2 bush at 70c.

IMPROVED BLACK TARTARIAN

Grown from imported seed. Lb 15c, 4 lbs 50c, postpaid; peck 25c, bush 75c, 2 bush at 70c.

IMPORTED BLACK TARTARIAN

The stock we offer was grown in East Lothian, Scotland, and is of excellent quality. Per lb 20c, 3 lbs 50c, postpaid; peck 50c, bush $2.00.

The prices of Oats and Wheat are those current at the time of issue of this Catalogue, January 1st. They are subject to change without notice.

"New Century" Oats (White)

SPRING WHEAT

Sow from 1¼ to 1¾ bushels per acre.

WILD GOOSE (Bearded)

C. A. Zavitz, of the Guelph Experimental Farm, says:—"Of a the varieties of spring wheat which we have grown, the Wild Goose stands at the head of the list in yield of grain per acre. The Wild Goose Variety has given the largest average yield per acre of all the varieties for several years in succession, and the Wild Goose, Speculation and Colorado stand highest on the list this year, but the Speculation and the Colorado appear to be the same variety and are not liked very well by some of the millers for flour production, being somewhat soft.

Price per lb 15c, 4 lb 50c, postpaid; peck 30c, bush $1.10.

WHITE RUSSIAN

This variety has been sown for a number of years, and invariably turns out a first-class crop. It has a bald head of good length; good stiff straw, stands up well; full, plump berry, flinty and of good color.

Price per lb 15c, 4 lbs 50c, postpaid; peck 35c, bush $1.20.

COLORADO OR SPECULATION

(Bearded)

It is a light amber; rather short, thick berry; the heads are a good size, white straw and chaff, stands up well and ripens early.

Price per lb 15c, 5 lbs 50c, postpaid; peck 35c, bush $1.10.

For other leading varieties such as **Red Fern, Herison Bearded, Red or Scotch Fife**, etc., see our Weekly Farmer's Price List of Grains and Grasses, sent on application.

WINTER WHEAT

Our Fall Catalogue of Winter Wheats, Grass Seeds, Fertilizers, etc., is issued about August 15th of each year, and sent free to all who apply. **Send in your address now.**

FEED STUFFS

Cotton Seed Meal.....	50 lbs	$0 80	100 lbs	$1 50
Flax Seed, for feeding ..	"	1 60	"	3 00
Flax Seed Meal..... .	"	1 65	"	3 25
Oil Cake, fine ground....	"	0 80	"	1 50
Oil Cake, nutted.....	"	0 80	"	1 50
Rock Salt.....	"	0 40	"	0 80

STOCK FOODS

Dr. Hess' Stock Food—7 lb bags 65c, 12 lb bags $1.00.

Pratt's Animal Regulator—21 oz pkg 30c, 42 oz box 60c, 72 oz 90c, 150 oz box $1.70.

Herbageum—4 lb pkg 50c, 100 lbs $12.00.

Twin City Herb Food—4 lb pkg 40c, 100 lbs $9.

PRICES FOR BAGS

When bags are required for filling orders, they will be supplied at the following prices, which should be remitted with the amount of order.

1½ bushels, Jute Bags, per doz $1.00, each 10c.
2 bushel, Cotton, Seamless, "A" each 25c; "B" each 20c; "X" each 18c.

For prices of Clover and Timothy Seeds, Oil Cake Etc., in Quantities, See Weekly List.

BLATCHFORD'S CALF MEAL

—The perfect Milk Substitute for raising Calves. 100 lbs of it makes 100 gallons of Rich Nutritious Gruel. Calves can be raised upon it alone without Milk at all after they are a few days old and this can be done with no other milk substitute. Used with Separator Milk or Skim Milk it replaces the Butter Fats in same and makes them as nutritious as new milk. Even when whole milk is used, the feeding of **Blatchford's Calf Meal** with the Milk builds up much finer, bigger and sturdier Calves in about half the usual time.
20 lb 80c, 50 lbs $1.90, 100 lbs $3.50.

BLATCHFORD'S SUGAR AND FLAX SEED

—Is one of the finest Natural Foods in the world for Horses, Cattle, Sheep and Hogs. Composed entirely of the three great elements necessary for profitable and healthy feeding, viz.: Oil, Sugar and Protein combined in the correct proportions and most digestible form, with the addition of those best, well known and well recognized Horse and Cattle Tonics, Pure Gentian, Foenugreek, and Anise, that long experience has shown to have such excellent effects upon the appetite, digestion and condition of all domestic animals. Mixed with the ordinary food, **Blatchford's Sugar and Flax Seed** permanently cleanses the system, purifies the blood, increases the appetite, regulates the bowels, improves the coat and keeps the animals in the very pink of condition. 20 lb 80c, 50 lb $1.90, 100 lb $3.50.

BLATCHFORD'S POULTRY MEATS

—Consisting of Albumen, Beef Meal, Ground Oyster Shells, Sunflower Seeds, Iron, Red Pepper, Ginger and Oil, of the very choicest qualities. All the very best Poultry Foods in one unequalled convenient food. 4 lb pkg 35c, 10 lb bag 60c, 50 lb bag $2.50.

Fodder Corn

THESE PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

Send for Weekly Price List of Seed Grains, Clovers and Grasses. When ordering Corn do not forget to include price of bags.

Cotton Bags 18c. each; Linen Bags 10c. each

PRICES QUOTED ARE NET CASH

DENT VARIETIES

Simmers' Earliest Ripe Fodder Corn

This corn will ripen in 60 days and furnish magnificent feeding corn just at a time when farmers are short of corn. If you plant this early you will have fine feeding corn by July, when you can replant same and have good Fodder Corn in September. Now there has been for the past few years a great demand, or better, a call, for an extremely early Fodder Corn, and in order to meet this demand, we now offer THE MOST PERFECT, EARLIEST, RICH FODDER CORN IN EXISTENCE. This corn will ripen out ears inside of 60 days after planting, and usually from 2 to 3 ears on the stalk. The foliage is about 8 feet high, very leafy and bushy, and contains a tremeduous amount of nutritious matter. Lb 15c, 2 lbs 25c, postpaid; by express or freight, peck 50c, bush $1.50.

White Giant Early Dent This variety stands at the head of all for hardiness and productiveness; not quite so early as some, but still early enough to mature fully. Stalks and leaf very heavy. Lb 15c, 2 lbs 25c, postpaid; peck 35c, bush $1.20.

White Cap Yellow Dent This corn is the best early for Ensilage yet introduced. Large, heavy stalks and ears. This variety has more genuine merit, more fine and lasting points than any corn in cultivation. It is from 7 to 10 days earlier than many varieties, and on poor, thin soil will out-yield the Leaming by at least 30 per cent. The originator claims it has more testimonials for *earliness, easy-shelling, productiveness, beauty, growing-strength, fodder and all-round qualities* than any other variety. 2 lbs 25c, postpaid; peck 30c; bush $1.10.

The Early Mastodon Claimed to produce the longest grains and longest ears of any 100-day corn in cultivation, with most extraordinary yielding qualities. It grows quick, and strong. 2 lb 25c, postpaid; peck 30c, bush $1.10.

Wisconsin Yellow Dent This variety is in every way one of the most desirable. Average weight of ears 9 to 10 ounces, with many rows, there being generally from 18 to 20 and often as high as 21, kernals of a bright yellow color, cob red. 2 lbs 25c, postpaid; peck 30c, bush $1.10.

Wisconsin White Dent Ears average 16 rows, grains extra long and wide, 2 of which will span the cob, which is usually small for the size of the corn, and is generally white. The stock is short and thick, with ears set low; roots deep, easily withstanding severe storms and droughts. 2 lbs 25c, postpaid; peck, 30c, bush $1.10.

Chester County Mammoth

It yields under good cultivation, from *one hundred to one hundred and thirty* bushels shelled corn per acre. Ears are very large. It furnishes a large amount of fodder, growing 12 to 16 feet high. 2 lbs 25c, postpaid; peck 35c, bush $1.10.

Mammoth Cuban Yellow The grains are pure yellow and very large, broad and long. The fodder grows on the stalks in great quantities and of the finest flavor. As sweet and tender as sugar corn. 2 lbs 25c, postpaid; peck 30c, bush $1.10.

Early Butler This is without doubt one of the earliest Dent Corns. It is a cross from Pride of the North, grows good-sized ears with long grains and a very small cob, corn of a beautiful golden-yellow color. **The Butler is adapted for high latitudes, and will mature further north than any known variety.** It grows strong and very quickly. 2 lbs 25c, postpaid; by express or freight, peck 30c, bush $1.10.

Evergreen Sugar **For Green Fodder**—there is nothing better for early fall green feed or for curing for winter than sweet corn. It has the great merit of being so sweet and palatable that cattle eat every part of stalks and leaves, and consequently none is wasted. Lb 15c, 3 lb 40c, postpaid; peck, 60c, bush $2.00.

FLINT VARIETIES

Farmers' Surprise Undoubtedly the earliest 8-rowed variety yet produced. The ears are long and freely borne on the stalks, which are very heavy and leafy. Farmers' Surprise can be grown and ripened in districts where heretofore a corn crop has been uncertain. 2 lbs 25c, postpaid; peck 35c, bush $1.30.

Mammoth 8-Rowed Yellow—It is entirely distinct, being as described, the Mammoth 8-Rowed Yellow Corn, a great improvement on the old yellow Canada corn, 8-rowed, which is the general corn used by farmers for feeding purposes. The ears, when harvested, are long and well-filled with corn which is double the size of the ordinary yellow Canada corn or the Compton Early Yellow. 2 lbs 25c, peck 35c, bush $1.20.

Rural Thoroughbred White Flint A variety of spreading habit—not more than one kernel should be grown in the hill. Its great suckering habit, breadth of blade and smallness of stalk recommend it as a fodder plant while for ensilage purposes it is most valuable 2 lbs 25c, postpaid; peck 35c, bush $1.15.

Compton's Early Yellow—The productiveness of the Compton is remarkable, with more rows to cob than any other Flint corn. The grains are very small, round and heavy. It is very hardy, and sure to grow and produce a crop. 8 to 10 feet. 2 lbs 25c, postpaid; peck 30c, bush $1.10.

Salzer's North Dakota White Flint A grand variety, matures early, yields enormously, produces a larger number of good ears and a smaller number of poor ears than any other variety. 2 lbs 25c, postpaid; peck 30c, bush $1.10.

Early Yellow Canada The earliest yellow for field or table use, 2 lb 25c, postpaid; pk 30c, bush $1.10.

Angel of Midnight (One hundred day)—An extra early 8-rowed yellow Flint variety. 2 lbs 25c, peck 30c, bush $1.10.

Longfellow An 8-rowed yellow Flint variety, with ears 10 to 15 inchs long, cob small, kernels quite broad. 2 lb 25c, peck 30c, bush $1.10.

Early White Flint Very desirable for table use. 2 lbs 25c, postpaid; peck 30c, bush $1.10.

King Philip (Reddish Flint)—One of the oldest and best known of the Flint varieties. 2 lb 25c, postpaid; peck 40c, bush $1.40.

Selected Ensilage Corn

SIMMERS' PARAGON WHITE ENSILAGE—This superior ensilage corn we can recommend from experience as being the heaviest cropping variety in cultivation, producing 50 to 75 tons per acre. It grows 13 to 14 feet in height. Peck 30c, bush $1.00.

Red Cob Ensilage—So called owing to its cob being quite red; the kernel is perfectly white, resembling very closely the ordinary Horse-Tooth Corn. Peck 30c, bush $1.00.

Mammoth Southern Sweet Ensilage—White—Peck 30c, bush $1.00.

Yellow Horse-Tooth or Golden Beauty—Peck 30c, bush $1.00.

Pride of the North—(Early Golden Dent Corn)—Very early. The stalks usually grow from 8 to 10 feet in length, and produce from one to three good ears. Peck 30c, bush $1.10.

Leaming Corn—Yellow—Always two good ears to each stalk. It withstands severe drouth by reason of its earliness in maturing, strong and vigorous growth and its stalky and leafy nature. Per peck 30c, bush $1.10

Forage Plants . .

Sowing Rape *(1 to 2 pounds per acre in drills; 4 to 6 pounds broadcast).*

A field of Rape coming into use when the pasture is almost barren from continuous feeding and dry weather, is a boon to the farm. For feeding sheep and lambs, preparatory for the market; nothing is better; not only does it fatten quickly, but imparts a quality to the flesh superior to almost any other pasture. It has been estimated that one acre of Rape, when not preceded by any other crop the same season, will feed from 35 to 40 lambs for two months, and that the gain in flesh per month was from eight to twelve and one-half pounds on each lamb. Young cattle thrive upon it as well as swine. Rape may be sown either in rows or drills and cultivated or may be sown broadcast. When sown in rows the plant will grow much stronger and more luxuriant in foliage, and will also stand longer feeding, as it is less liable to be tramped down. It may be sown in May, and when it is sufficiently advanced it can be fed off, and then allowed to grow up again, thus giving a second crop the same season; but the usual time for sowing is the last half of June until end of July, and it has been sown towards end of August with success. The cultivation of rape should commence as soon as it is well started, and with repeated cultivation until the leaves become too large to work between the rows. Rape is always plowed under as a fertilizing crop.

DWARF ESSEX, or Large Leaved English—Per lb 10c, 10 lb lots 70c, 25 lb lots and upwards $1.50, 50 lb lots and upwards $5.00 per 100 lbs.

ENGLISH HORSE BEANS

Recommended by Dominion Experimental Farm, to be planted with corn and sunflower seed for ensilage purposes. Lb 15c, postpaid; 10 lbs 60c, bush $2.00. Values fluctuate.

KAFFIR CORN

White—Pkt 5c, lb 15c, 5 lbs 75c, postpaid; 20 lbs $1.20, 100 lbs $5.00.

COW OR SOUTHERN PEAS

(The Great Soil Improver)

From 5 to 9 tons of green fodder per acre have been produced by Cow Peas. To grow for hay they are most valuable. For ensilage they are unsurpassed. When it is desired to turn the whole crop under as a soil improver, it is better to do so after the vines are partly dead. Cow Peas can be sown in May or June, at the rate of 1 to 1½ bushels per acre. Of the several varieties of Cow Peas, the following two are best adapted to our climate: **Clay**—Price, lb 20c, 3 lbs 50c, postpaid; peck 75c, bush $2.40. **Whip-Poor-Will**—Price, lb 20c, 3 lbs 50c, peck 75c, bush $2.75.

MAND'S WONDER FORAGE PLANTS

(Pencillaria Zeaoides)

An annual plant, having long, broad foliage, and if allowed to develop fully, attaining a height of from 10 to 12 feet and bearing numerous heads from 18 to 20 inches in length, and 1 inch in diameter, completely covered with thousands of seeds, much relished by poultry. It is of rapid growth, throwing out from one plant numerous suckers and if cut as soon as it reaches the height of 2 or 3 feet, it can be mowed from four to six times, according to the latitude, and yields several tons of dry Hay per acre. If allowed to grow 6 or 7 feet high, and cut when the flower heads begin to develop, it will yield the heaviest fodder crop per acre of any plant now in cultivation. Price, oz 10c, ¼ lb 20c, lb 60c, postpaid. By express, lb 50c, 10 lbs $4.50.

Sand, or Winter Vetch

Sand, or Winter Vetch

(Vicia Villosa)

It produces crops on poor sandy soils as well as on good land growing to a height of four to five feet. It should be sown in the spring, mixed with oats, spring rye or barley; or during August or September, with winter rye, which serves as a support for the plants. It is the earliest crop for cutting, being hardier and nearly a month earlier than Scarlet Clover. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock. Sow 50 to 60 lbs per acre, with one-half bushel of rye, oats or barley. Lb 20c, 3 lbs 60c, postpaid; 10 lbs $1.20, 25 lbs $2.50, 100 lbs $9.50.

Australian Salt Bush

Grows freely on arid and alkali lands that will produce no other vegetation, yielding a marvelously liberal foliage which is eagerly eaten by all kinds of stock. It is of creeping habit. It has been proved that after three or four crops has been grown on alkali land, the soil is capable of producing any other vegetation. One pound of seed will plant an acre. Price—Pkt 10c, oz 20c, ¼ lb 60c, lb $2.00, postpaid.

EARLY SOY BEAN

The Soy Bean is coming right to the front as a great soil enricher, as a food for hogs and cattle, both in the green and dry state. It has remarkable qualities for it will draw from the air and return to the earth just the nourishment and properties you are looking for. Price—Lb 20c, postpaid; peck $1.00.

TEOSINTE

(Reana Luxurians)

In appearance, it somewhat resembles Indian corn, but the leaves are much larger and broader, and the stock contain sweeter sap. It stools out enormously after being cut. Sow in May or June, at the rate of three pounds per acre, in drills four feet apart. Per oz 10c, ¼ lb 30c, lb $1.00, postpaid.

Teosinte

Japanese Millet

A variety greatly surpassing the ordinary variety of Millet and Hungarian grass in vigor of stock yield of seed and value of crop. When cured as hay, chopped, moistened and sprinkled with meal, it is readily eaten by cattle and horses. Sow in drills 15 inches apart, with 12 to 15 pounds per acre. Price, postpaid; pkt 5c, lb 15c, 3 lbs for 40c; 10 lbs 85c, carriage extra. Price for larger quantities on application.

NEW SIBERIAN OR RUSSIAN MILLET—A new and wonderfully productive forage plant from Russia, which has given excellent results. It is extremely hardy and about two weeks earlier than German Millet, growing about four feet in height. Its stooling properties are remarkable, as high as 41 stalks having been grown from one seed. Hay and fodder are very nutritious and much liked by all kinds of stock. Sow in May or June, ½ bush to 1 bush to the acre. Lb 15c, 3 lbs 40c, postpaid; peck 60c, bush $2.00.

Mammoth Russian Sunflower

An excellent and cheap food for fowls. They eat it greedily, fatten well on it, better than on almost any other food. It can be raised cheaper than corn. Every farmer should plant some of the seed in any waste piece of ground. Four quarts seed will plant an acre. Oz 5c, ¼ lb 10c, lb 20c, postpaid. By express—10 lbs 60c, 25 lbs $1.40.

Mammoth Russian Sunflower

Early Amber Sugar Cane—The earliest and most productive variety. Height 10 to 12 feet. Its saccharine matter is of first quality, fine and rich. Sow 4 quarts in drills, and 8 quarts broadcast to the acre. Pkt 5c, lb 15c, 5 lbs 60c, postpaid; 10 lbs 60c.

Large Giant Spurry—Should be sown at the rate of 15 lbs to the acre, and is in best condition for pasture from four to six weeks after sowing. Lb 20c. 6 lbs $1.00, 10 lbs and over at 15c per lb, 50 lbs and over at 10c per lb, 100 lbs and over at 9c per lb.

GRASSES

NOTE—For General Seeding sow one-third clover and two-thirds timothy. This produces hay of excellent feeding quality for stock in general. Write us for prices on any mixture wanted for hay or permanent pasture.

A GOOD REFERENCE BOOK—"Handbook on the Grasses of North America, Beale," Price, Vol. 1, $2.50; Vol. 2, $5.

When wanted by Mail add 5 cents per pound to the following prices.

The greatest care is exercised in the selection of our Grass and Clover Seeds.

Choice samples are the cheapest, sow further and are the most satisfactory in the end.

Where prices are not quoted, they will be furnished with samples on application.

Awnless Brome Grass

AWNLESS, or HUNGARIAN BROME GRASS (*Bomus Inermis*). **The Great Forage Grass of Our North-West**—Not only is it the grass for dry sections, but it can be raised on almost all kinds of soil and in any climate. It gives a luxuriant crop, particularly on fresh sandy loam soil, and where the climate is warm. It is found that animals eat it greedily, whether in the green or in the dry state, so that it can be used as mown or saved for winter use. Useful in filling up gaps where clover crops have failed. Lb 25c, 100 lbs $20, carriage extra.

CANADIAN BLUE GRASS (*Poa compressa*). **Hardiest Grass in Cultivation**—It is an excellent grass for dry, sandy, thin soils and banks, and for covering the surface of rocky soils, and upon all soils that are affected seriously by long-continued droughts. Lb 10c, 10 lbs 90c.

Creeping Bent Grass (*Agrostis stolonifera*)—A variety similar to the Red Top Grass, somewhat lower in growth. Lb 30c, 10 lbs $2.75.

Crested Dog's Tail or Comb Grass (*Cynosurus cristatus*)—Well suited for lawns from its readiness to take root and its dense, compact habits. Lb 60c, 10 lbs $5.50.

Hard Fescue (*Festuca duriuscula*)—Will thrive in a great variety of soils, and resists the effect of drought well; from its fineness of foliage, it is well adapted for lawns or sheep pasture. Lb 25c, 10 lbs $2.00.

Honey or Meadow Soft Grass (*Holcus lanatus*)—It grows 3 feet in height, and is suitable for all soils. While no variety suits better for lawns, it is, however, of no use for cattle, as they will scarcely touch it. Lb 20c.

Italian Rye Grass (*Lolium Italicum*)—A biennial variety of rapid growth, succeeding well in all kinds of soil; well adapted for mixing with white clover for lawns; it is indispensable for an early crop of green feed. Lb 12c, 10 lbs $1.00.

Kentucky Blue or Smooth-Stalked Meadow Grass (*Poa pratensis*)—It sends up flower stalks 1½ feet high only once in the season; it is therefore less adapted for hay than for early and permanent pastures. For water meadows it is one of the best. Lb 15c, 10 lbs $1.30.

Meadow Fescue (*Festuca pratensis*)—A highly valuable species for permanent grass lands; it does not, however, attain its full productive powers until the second or third year, when it exceeds most other sorts in the quantity of its produce and nutritive matter; it is relished by live stock, both in hay and pasture. Sow 40 lbs to the acre. Lb 20c, 10 lb $1.10.

Meadow Foxtail (*Alopecuris pratensis*)—One of the best grasses for permanent pastures, being early and rapid in growth; does best in rich, moist soil. Lb 40c, 10 lbs $3.50.

Orchard Grass (*Dactylis glomerata*)—Though a rather coarse grass, yet this variety is of such early and rapid growth, that on account of this quality alone it is valuable as a pasture grass on light soils, and also from the quantity of herbage it affords. It should be used as a green feed exclusively, because when old and dry, or made into hay, neither horses nor cattle are fond of it. Lb 20c, 10 lbs $1.75.

Orchard Grass

Head of German Millet

Perennial or English Rye Grass (*Lolium perenne*)—One of the best grasses adapted for producing a bulky crop of hay with or without clover, producing three or more years pasture. Lb 12c, 10 lbs $1.00.

Red Meadow Fescue (*Festuca rubra*)—An excellent variety, suitable for lawns exclusively, on account of its creeping nature, not growing over 1 foot in height, requiring little mowing, and forming so thick a turf as to suffer few intruding plants. Lb 25c, 10 lb $2.25.

Red Top Grass, Fancy, Perennial, (*Agrostis vulgaris*)—A hardy permanent grass of rather low growth, succeeding in almost any soil, and well adapted for pasture land. Lb 15c, 10 lbs $1.40.

Sheep's Fescue (*Festuca ovina*)—A dwarf variety not over 6 inches in height; it has a fine sweet foliage, well adapted to the masticating organs of sheep, and for producing delicate mutton, but totally unfit for hay. It is, however, an excellent grass for lawns, requiring little mowing. Lb 20c, 10 lb $1.80.

Sweet Vernal Grass (*Anthoxanthum odoratum*)—For a mixture with pasture grasses it is valuable on account of its vernal growth, and continuing to throw up root foliage until late in autumn; for meadows, its chief merit is its fragrant odor, which the leaves emit when dry, thus sweetening hay; it is a vegetable condiment rather than as a grass of much nutritious value. Sow 25 lbs to acre. Lb $1.20.

Tall Fescue (*Fescus elatior*)—Of strong growth, very productive, good both as hay and green food; also for permanent pasture, for moist and strong soils, and irrigation purposes. Lb 40c, 10 lbs $3.75.

Tall Meadow Oat Grass (*Avena elatior*)—A bulky, tall, productive grass, much relished by all cattle, and well adapted as a grass for soiling. Lb 30c, 10 lbs $2.75.

TIMOTHY GRASS (*Pleum pratense*)—Market price variable. Lb 10c, 10 lbs 75c.

Water Meadow Grass (*Poa aquatica*)—In flooded situations it grows luxuriantly, and forms a rich pasturage in summer. Lb 40c, 10 lbs $3.50.

Wood Meadow Grass (*Poa nemoralis*)—Well adapted for woody lands, two feet high, forming valuable pasture. Lb 70c, 10 lbs $6.50.

Yellow Oat Grass (*Avena flavescens*)—Hardy and early, valuable for dry meadows, pastures or lawns. Lb 30c.

Common Millet (*Panicum milliaceum*)—There are many varieties of Millet, but none used so extensively as the common variety. Lb 5c, 10 lbs 30c.

GERMAN MILLET—The true German Millet will grow in any climate or soil, and when properly grown and handled makes an enormous yield of most nutritious animal feed, and that without impoverishing the soil to any great extent. To get these results, however, German Millet must be sown thickly, at the rate of one bushel per acre, at any time between May 1st and July 15th, and the crop cut in six to eight weeks, while it is in bloom, before the seed hardens in the head. Managed in this way German Millet will prove the most satisfactory and profitable forage and summer hay crop, much relished by all kinds of stock. Lb 10c, 3 lbs 30c, postpaid. By express or freight, 10 lbs 30c, bush of 48 lbs $1.40.

Hungarian Grass (*Sectaria Italica*)—A most valuable, rapid growing variety of grass of annual nature, particularly well adapted for light ground, will yield an abundant crop, and when cut before seeding, produces hay much relished by all kinds of cattle. Market prices variable. Lb 5c, 10 lbs 30c.

JAPANESE MILLET—(See page 38).

☞ We will send one large package of each of the above 25 varieties of Grass Seeds, correctly named, for $1.50 postpaid, or any 17 varieties for $1.00 postpaid, or any 8 varieties for 50c.

Note—**For prices of Grass Seeds in quantity see next page.**

LAWN GRASS

THE MOST BEAUTIFUL LAWNS IN CANADA are made with **"Simmers' Toronto Parks" Lawn Grass Seed**, which we sell in large or small quantities to suit the pretentious lawn or the modest door-yard plot. With it you can renovate old or make new **Lawns and grass Plots** as soft as velvet and as green as emerald all summer long.

TORONTO PARKS MIXTURE — Finest Quality (with or without White Clover)—Per lb 25c, postpaid, 30c. By express or freight, 5 lbs $1.15, 10 lbs $2.20. 25 lbs $5.25, 50 lbs $10.00, 100 lbs $20.00.

CAHOON BROADCAST SEED SOWER

A hand-machine very largely used. The quantity to be sown is easily regulated. It will seed *evenly* four to six acres per hour. It will scatter the following distances: Wheat, Barley, Rye, 25 feet; Clover and Timothy 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight 5½ pounds. Price, each $4.

CLOVER SEED

"Clovers are the Foundation of Farming."

(Clover Seed being subject to constant variations, prices are subject to change without notice.)

ALSIKE CLOVER, (Trifolium Hybridum) Best Recleaned—It is a perennial, therefore adapted for permanent pastures or for hay crop. Perfectly hardy; never heaves or throws in the winter, thrives equally well on wet or dry soil, through extreme drouth or excessive rains. Sow six lbs per acre in spring. Lb 18c, postpaid 23c; per bush of 60 lbs market price variable.

SAINFOIN or ESPARSETTE (Onobrychis Sativa) Double cutting—An excellent perennial Fodder Plant, growing to the height of about three feet, and flowering in June and July. It is naturally adapted for light chalky soils, being an enriching, heat resisting clover, and may be sown either broadcast or drilled. It will require broadcast about 25 lbs per acre; if drilled 15 to 20 pounds. Lb 15c, postpaid 20c; 10 lbs $1.25, 25 lbs $3.00.

Will sow Clover, Timothy, Flax, Wheat, Oats and Millet.

Guaranteed to sow 60 acres of clover per day. The "CYCLONE" Geared Seed Sower. Price $1.75, or postpaid $2.50.

Crimson Clover

Common Red Clover, (Trifolium pratense) best recleaned—Will succeed in any soil of moderate fertility. Per lb 20c, postpaid 25c; per bushel of 60 lbs lowest market price on application.

Mammoth Red or Late Clover (Trifolium pratense perenne)—Of great value if sown upon exhausted land; grows from 5 to 6 feet, and highly recommended for ploughing under for manure. Per lb 20c, postpaid 25c; per bushel of 60 lbs lowest price on application.

Crimson or Carnation Clover (Trifolium Incarnatum)—Should be sown in the early summer, and will then make excellent pasture in the fall, the open winter and the spring. Per lb 10c, postpaid 15c. Per bushel price on application.

White Dutch, Lawn Clover (Trifolium Repens)—Most valuable in mixture for permanent pastures, forming with natural grasses the finest and most nutritious food for cattle and sheep. Lb 30c, postpaid 35c.

Yellow Trefoil or Hop Clover (Medicago Lupulus)—A prolific and hardy variety, is excellent for dry pastures; should not be sown alone. Lb 15c, postpaid 20c.

Bokhara Clover (Melilotus vulgaris)—For bees. Of large and vigorous growth; blooms early in August; may be cut three times during the season, and yields three tons upwards of hay per acre. Sow in spring. Per lb 20c, postpaid 25c.

Lucerne or Alfalfa Clover—A perennial and when once properly seeded in suitable soil produces fine crops for several years. It has a remarkably strong growth, and its cultivation is simple, requiring no more care and attention than a crop of the ordinary red clover. The ground should be thoroughly mellowed by clean and careful tillage, the seed sown with any grain crop in the spring, or as a separate crop, at the rate of 10 or 12 pounds per acre, and the second year it will become thoroughly established. Lb 20c, postpaid 25c; per bushel of 60 lbs, lowest market price on application.

Alfalfa or Lucerne Clover

Ontario Agricultural College (Guelph) Formula of Grasses and Clovers for permanent pastures.

Six lbs Meadow Fescue, 3 lbs Timothy, 2 lbs Canadian Blue Grass, 3 lbs Orchard Grass, 3 lbs Red-top Grass, 4 lbs Lucerne Clover, 1 lb White Dutch Clover, 1 lb Alsike Clover, 2 lbs Red Clover; total 17 lbs Grasses and 8 lbs Clovers, being the quantities required for an acre. $3.00 for 25 lbs; lb 15c, postpaid 20c. If larger quantities are wanted please write for prices.

GRASS MIXTURES

Simmers' Special Grass Mixture for permanent pasture consisting of the following varieties: Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue (*true perennial*), Meadow Fescue, English Rye Grass, Italian Rye Grass, Red Top, Blue Grass, etc., as recommended in the well-known and standard work entitled "*How the Farm Pays*," (by Henderson) blended in proportions which have been found, from actual use, to give the most satisfactory results.

On ordinary fertile soil two or three bushels of this mixture is sufficient to seed an acre.

To this mixture, intended for either Mowing Lands or Pasture (but which on account of its greater weight, should be sown separately), should be added 10 lbs of Mixed Clover, comprising White, Mammoth Red or Cow Grass, Alsike, Trefoil, etc., but this must be sown in the spring, as it is rather tender in this latitude if sown in the fall.

The Quantity (10 lbs) of Mixed Clover Needed to Sow an Acre, we will sell for $2.00.

Permanent Pasture for Light Soils
Permanent Pasture for Medium Soils
Permanent Pasture for Heavy Soils
SIMMERS' Grass Mixture for Orchards and Shady Places
SIMMERS' Special Grass Mixture for Hay Only
SIMMERS' Grass Mixture for Permanent Pasture Only
} **$2.50 per bushel of 14 lbs.**

10-Bushel Lots and Upwards, $2.25 per bushel.

(Special Quotations for Larger Quantities.)

Simmers' Special Grass Mixtures for Temporary Pastures—Consisting of Tall Meadow Oat Grass, Orchard Grass, English Rye Grass, Italian Rye Grass, Meadow Foxtail, Hard Fescue, Sheep's Fescue, and Meadow Fescue, Red Clover, White Clover, Alsike, Trefoil and Timothy, blended in their proper proportions for the time specified. *Incomparably superior to the ordinary Timothy and Clover Mixture.*

For One Year—1 bushel Mixed Grasses, $2.00. 10 lbs. Mixed Clovers, $1.75. Total cost per acre, $3.75.

For Two Years—2 bushels Mixed Grasses, $4.00. 10 lbs. Mixed Clovers, $1.75. Total Cost per acre, $5.75.

For Three or Four Years—3 bushels Mixed Grasses, $6.75. 10 lbs. Mixed Clovers, $1.75. Total cost per acre, $8.50.

(Special Quotations for Larger Acreages.)

Price Lists of Grass and Clover Seeds in Quantity

When Clover and Grass Seeds are to be sent by mail, **5 cents per pound** must be added to the following prices. We will supply 20 lbs or over at the 100 lb rate, and 5 lbs or over at the 10 lb rate; for smaller quantities the lb price will be charged. The following prices are values at time of issuing this Catalogue, January 1st, **and are subject to Market Changes.**

CLOVERS

	Per lb.	10 lbs.	100 lbs.
Alsike, Fancy, Simmers' best recleaned	18c	$1 70	Lowest Market Price on Application.
Alsike, Choice	16	1 50	
Alsike and White, Mixed	17	1 60	
Bokhara	20	1 90	
Crimson or Scarlet	10	0 90	
Lucerne, Choice	20	1 90	
Mammoth Red Clover, Simmers' best	20	1 90	
Mammoth Red Clover, Choice	18	1 75	
Red Clover, Fancy, Simmers' Best recleaned	20	1 80	
Red Clover, Choice	18	1 70	
Sainfoin, Double Cutting	15	1 25	
Trefoil, Yellow	15	1 30	
White Clover, Simmers' Best	30	2 80	
White Clover, Choice	25	2 30	

When Wanted by Mail add 5c to per lb postage.

GRASSES

	Per lb.	10 lbs.	100 lbs.
Timothy, Fancy, Simmers' Best recleaned	10c	80	
Timothy, Choice	09	70	
Blue Grass, Canadian Best	10	90	$ 8 50
Blue Grass, Kentucky, Choice	15	1 30	12 00
Bromus Inermis (Awnless Brome)	25	2 30	20 00
Creeping Bent	30	2 75	25 00
Crested Dogstail	60	5 50	
Hard Fescue	25	2 00	18 00
Hungarian, Best recleaned	05	30	2 30
Italian Rye Grass	12	1 00	9 00
Meadow Foxtail	40	3 50	32 00
Meadow Fescue	20	1 80	16 00
Millet, Golden, Fancy Cleaned	05	30	2 50
Millet, Best, recleaned	05	30	2 30
Orchard Grass, Choice Quality	20	1 75	17 00
Perennial Rye Grass	12	1 00	9 00
Red Fescue	25	2 25	20 00
Red Top, Choice Quality	20	1 50	12 50
Red Top, Fancy	15	1 40	13 00
Sheep's Fescue	20	1 80	17 00
Sweet Vernal	1 20	10 00	
Tall Fescue	40	3 75	35 00
Tall Oat Grass	30	2 75	25 00
Water Meadow Grass	40	3 50	
Wood Meadow Grass	70	6 50	
Yellow Oat Grass	80	7 75	

When wanted by Mail add 5c per lb Postage.

Customers ordering Grass Seed sufficient for one acre or more are allowed the privilege of 100 lb rate. **Please allow for bags when remitting.**

Have you Beeswax? We buy it. Cash or supplies. Let us know your price.

HOHENZOLLERN ASTER

This is the finest type of the Giant Comet, or Ostrich Feather type of Asters in existence. The flowers are much larger than those of the Giant Comet, and the petals are longer and more beautifully curled and twisted, and produced in much greater abundance than either in the Ostrich Feather or Giant Comet Aster. They quite resemble the Giant Flowering Japanese Chrysanthemums seen at the Autumn shows, and the flowers are borne on long stems, which with their beautifully curled petals makes them cut flowers par excellence.

861 White, pkt 10c. Pink, pkt 10c.

WALDERSEE ASTER

The plant is very distinct, forming small compact bushes, measuring only 8 to 9 inches in height and the same across.

Each young shoot produces an elegant whitish bud, contrasting very well with the vivid green foliage.

The plant presents a splendid appearance in its early flowering stage on account of its regular globular shape and its wealth of flowers, which are most elegant and when fully developed only measure about one inch in diameter.

The great abundance of blooms is especially remarkable, sometimes even as many as 250 well developed flowers being found on one plant. We offer you the seeds as follows.

862 Pkt 10c, 3 for 25c.

Shasta Daisy

NEW SHASTA DAISIES

Their first qualification is hardness. They can be grown out of doors by everybody where it is not cold enough to kill oak trees. Second, they are perennial, blooming better and more abundantly each season. Third, they can be multiplied rapidly by simple division, and they are not particular as to soil. Fourth, they bloom for several months. Fifth, the flowers are extremely large and graceful—averaging about a foot—often more, in circumference, with three or more rows of petals to the purest glistening whiteness, on single strong stiff, wiry stems, nearly two feet in length.

863 Seed, pkt 25c. Strong plants 40c, 3 for $1.00.

APOLLO ASTER

The plant is 8 to 10 inches high, forms compact bushes measuring the same across and when in full bloom is of most striking effect. The branches are close and uniform, each of the principal ones produce further 4 to 6 lateral branches, so that on a fully developed plant the flowers are evenly distributed.

A fully developed plant produces 100 to 125 flowers and it comes into bloom about the middle of July, the flowers being borne on long stems right above the dark green foliage.

They are bright pale blue, several petals being marked with white spots and stripes, they are very double, elegant and slightly quilled towards the middle. 864 Pkt 10c, 3 for 25c.

ANNUAL DELPHINIUM, BLUE BUTTERFLY

In this new Larkspur we have a combination of attractions. In the first place, it is an annual which will come as a surprise to those who know *Delphiniums* as perennials only. Secondly, it is dwarf and compact, hardly reaching a foot in height. Thirdly, it has a bushy, yet branching habit, instead of the ascending upright growth. Fourthly, the size of the blossoms are beyond anything we have ever seen in the old perennial sections; and lastly, its color is of the intensest blue yet found in any flower.

865 Pkt 10c, 3 for 25c.

ARCTOTIS GRANDIS—The African Lilac Daisy

A remarkably handsome new annual from Africa, growing luxuriantly and forming profusely branched bushes of about 2 to 2½ feet in height and breadth. The leaves are soft and whitish. Its flower heads, borne on long stems and rising well above the foliage, are large and showy, from 2½ to 3 inches across; being pure white on the upper surface, reverse of petals pale lilac. Under the influence of bright sunlight the flowers spread out almost flat, and the pure white of the ray florets contrasts beautifully to the light blue disc with its slightly projecting white stamens, a lovely combination of colors. Being of very easy culture, the plants produce their splendid flowers most abundantly and in constant succession from early summer to the autumn. A magnificent and prominent novelty. 866 Pkt 10c, 3 for 25c.

Arctotis Grandis—The African Lilac Daisy

DOUBLE CHRYSANTHEMUM-FLOWERED SUNFLOWER

An excellent plant for the lawn, shrubberies or any other place where color effect is desired. The plants grow 6 or 7 feet high, and produce a great number of double flowers of various sizes. On account of their size, long stems and color the flowers are extremely well adapted for vases.

867 Pkt 5c, oz 15c.

ALLEGHENY HOLLYHOCKS

If sown early bloom the first year from seed

The flowers of this new variety are from 4 to 6 inches in diameter, running from semi-double to double, and so finely fringed and curled that, compared with the old ones, they have the look of a flower from Fairyland. The colors are shell pink, rosy and ruby red, a shade or two deeper at the centre, and exquisitely tinted towards the edge.

868 **Mixed**—Pkt 10c, 3 for 25c.

Primula Obconica

DOUBLE PRIMULA OBCONICA

New—This is one of the most useful flowering plants. If sown early in Spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. The flowers are of a soft lilac, pink, rose, lavender or crimson and very charming. It is one of the most useful Primula for pot culture, and also succeeds well in the open border during the summer months. Double flowering Hybrids are borne on stiff stems well above the foliage, and they also show a marked improvement in color.

869 Pkt 25c.

"Daylight" and "Darkness" Dolichos

Climbing Variety from Japan

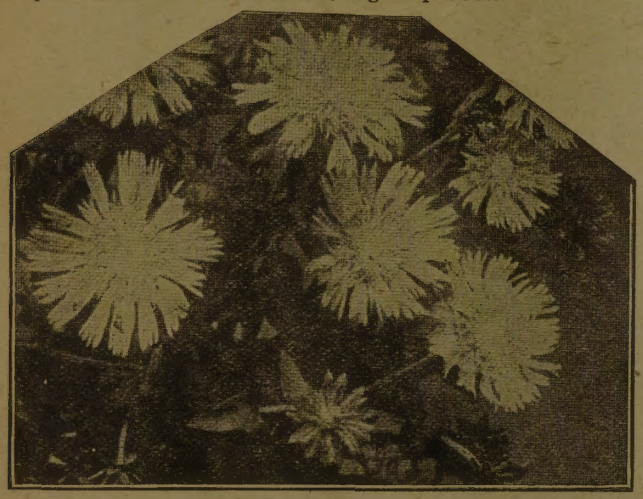
One of the prettiest climbers and certainly the most beautiful among the Dolichos or Hyacinth Beans. Of very rapid growth, and the plant is indifferent to bad weather, and it will grow to a height of fifteen feet by midsummer. From the handsome foliage there springs out a wonderful profusion of large sprays or spikes of pea-like blossoms.

870 "**Daylight**"—Pkt 10c, 3 pkts 25c, oz 40c.
871 "**Darkness**"—Pkt 10c, 3 pkts 25c, oz 30c.

New Fringed Cyclamen "Butterfly"

They possess all the qualities of fine habit of plant, beautiful markings of foliage, size and freedom of bloom of the finest type of *C. persicum*, but differ in having flowers with much wider petals, the edges of which are beautifully fringed or waved, giving them an extra grace and beauty.

872 Splendid mixture of all varieties, original pkt 50c.



Cornflower Aster

STOKESIA CYANEA

This is one of our most charming and beautiful native hardy plants. The plant grows from 18 to 24 inches high, bearing freely, from early July until frost, its handsome lavender-blue Centaurea-like blossoms, each measuring 4 to 5 inches across. It is of the easiest culture, succeeding in any open sunny position, and is not only desirable as a single plant in the mixed hardy border, but can be used with fine effect in masses or beds of any size. Like many other native plants which are neglected at home, this is grown in considerable quantities in Europe to supply the demand for blue cut-flowers in the Autumn. We have no hesitation in saying that Stokesia is one of the most valuable and desirable hardy plants offered.

873 Pkt 10c, 3 pkts for 25c.

GIANT PRIZE PANSIES

874 **Giant Prize Pansy, "Masterpiece"**—The growth and general habit of the plant is strong, bushy but compact, lasting longer than other Pansies and showing a healthier appearance when warm and dry weather sets in. The enormous large flowers are perfectly round and contain the richest combination of colors. Each petal is distinctly marked with a very large dark blotch, and most of the flowers are margined with a light white or yellow edge. Pkt 15c, 2 pkts 25c.

875 **Giant Prize Pansy, "Pretiosa"**—A distinct sort of the noble class of the Giant five-spotted Pansies. The flowers of this novelty are similar to those of Masterpiece Pansy; each petal is marked with a very large blotch of deep violet color, these blotches are surrounded by a brilliant crimson rose ground color, and the ground color is margined by a pure white edge. A very effective and bright variety that will please in every way. Pkt 15c, 2 pkts 25c.

New Semi-Double Rudbeckia Bicolor

(Suberba Semiplena)

876 This novelty represents semi-double or nearly double-flowering varieties of the Rudbeckia bicolor superba. The plants form elegant bushes of 2 to 2½ feet in height covered with large semi-double golden-yellow to brownish-yellow flowers, which have a central dark brown ring and disk. As concerns size and form of the flowers, they closely resemble those of the double flowering Zinnias, and are, on account of their long stems, very useful for cutting purposes. Pkt 10c.

"Jupiter," King of Nasturtiums

877 **New Giant Flowered Climbing Nasturtiums**—"As beautiful as an orchid," has been remarked of this magnificent flower, the precurser of a new race of Giant Nasturtiums. The plants are very strong and vigorous with large green foliage. The great, rich pure yellow flowers measure three and a half inches across. The petals are large, one and a half inches in diameter, they overlap and are exquisitely and deeply crinkled like crepe. The flowers are very fine for cutting, resembling orchids in their rich beauty. A grand and distinct variety. Pkt 10c.

"Jupiter," King of Nasturtiums

Petunia, Giants of California

Giant Petunias

878 **RUFFLED GIANTS**—The flowers are of extraordinary size and substance, with very deep throat, and distinguished from the large flowering fringed section by the deeper fringing and fluting, giving the appearance as if artificially ruffled. The colors are not surpassed by any other strain, ranging from the deepest plum purple to the purest white, with all the intermediate shades, which, combined with the ruffling, make the flowers truly superb. Pkt 20c.

879 **Century Prize Fringed Ruffled Giant**—This new strain originated with the famous specialist in California, who, some years ago sent out the California Giant and Ruffled Giant strains. It differs from the latter in having, in addition to the ruffling, a very fine fringed edging, making a very handsome flower. In size and coloring this new strain is equal to the finest now in commerce, and must be regarded as a decided advance in this important flower. (See cut). Pkt 25c.

880 **Giants of California, Mixed**—A California strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely fringed on the edges, and are of enormous dimensions (4 to 5 inches across), but their great merits lie in the wonderful varieties of colors, markings, veinings, blotchings and stripings. Pkt 15c, 2 pkts 25c.

SPECIAL OFFER—One packet each Ruffled Giants and Giants of California Petunias, 30c.

"Century Prize" Fringed Ruffled Giant Petunias

New Double Stocks

"BEAUTY OF NICE"

This first-rate Novelty under good cultivation attains a height of of 2 to 2½ feet, is clothed in bold foliage and throws up a gigantic main flower-spike of about a foot in length. All around the central stem the plant sends out a number of long side shoots, loosely covered with uncommonly large and very fragrant flowers of nearly two inches across, remarkable alike for their beauty of form and their delightful color. This is a delicate shade of fleshy pink, such as is now in the height of the fashion and just what the grower of cut flowers requires. A further striking feature in this Stock is in the rapidity with which it comes into bloom, so that it may just as readily be employed as an early Ten-week Stock.

From a sowing made July 4th, 1902, the blossoms first appeared at the beginning of September, and continued through the winter without intermission until the middle of April of the next year.

881 Pkt 15c.

Double Stocks "Beauty of Nice"

Indian Pink "Fireball"

Dianthus Heddewigi Flore Pleno

Although the varieties of Indian Pinks are already rather numerous, this novelty will, by its intrinsic merit, of necessity take a leading place among them. The flowers are of brilliant scarlet, a color which in such intensity has not yet appeared in the double-flowering section of Indian Pinks. Forming thickly branching bushes, the plants are quite resplendent with their shining fiery red blossoms, and are thus not only of inestimable value for the garden, but yield also excellent material for cutting.

882 Pkt 10c.

Hardy Semi-Double Gaillardias

No species of Perennials excels the Gaillardia grandiflora in all-round value. This is due to its very large and extremely showy bloom, which is produced so freely and continuously as to render it invaluable for the borber, while as a cut flower it enjoys a universal esteem. This variety grows about two feet high and throws up long sturdy flower stalks crowned with giant flowers which measure nearly 4 inches across. The ray florets appear frequently in two or three superposed rows and assume either a tubular or a broad and laciniated form. In color they are sometimes light and sometimes deep golden yellow, in many cases tinged more or less at the base with aurora or wine red. With these the velvet maroon red of the disk florets forms a sharp and brilliant constrast. These large-flowered semi-double hybrids which come about 60 per cent. true from seed, are uncommonly effective and will be found of inestimable value for cutting purposes.

883 Pkt 10c.

Hardy Semi-Double Gaillardias

FLOWER SEED COLLECTIONS

25c. Simmers' Flower Seed Collection "A"

10 Pkts Choice Fresh Flower Seeds for 25c.

Containing 10 beautiful varieties of easily grown annuals with full directions for their culture.

Asters—Choice mixed.
Double Imperial Pinks.
Morning Glory—Mixed.
Pansy—Good mixed.
Phlox—Splendid mixture.
Poppy—Double mixed.
Snapdragon—All colors mixed.
Sweet Mignonette.
Sweet Peas—All colors mixed.
Tall Nasturtium—Mixed.

50c. Simmers' Flower Seed Collection "B"

Contains 20 Pkts of Choice Flower Seeds for 50c.

Asters—Traffaut's Perfection, mixed.
Balsam—Double mixed.
Calendula.
Candytuft—Mixed.
Double Pinks—Best Mixed.
Marigold—Double French.
Mignonette—Large flowering.
Morning Glory—Mixed.
Nasturtium—Dwarf mixed.
Pansy—All colors, mixed.
Phlox Drummondi—Mixed.
Poppies—All kinds, mixed.
Scabiosa—Mixed.
Snapdragon.
Sunflower—Very double.
Sweet Alyssum.
Sweet Peas—Mixed.
Tall Nasturtium—Mixed.
Verbena—Best mixed.
Zinnia—Best mixed.

$1.00 Simmers' Flower Seed Collection "C"

Contains 40 Pkts of Flower Seeds for $1.00.

Asters—Simmers' Excelsior Mixture of tall sorts.
Alyssum, Sweet—Little Gem.
Balsam, Double—Mixed.
Calendula.
Canarybird Flower.
Candytuft—Empress.
Cannas—Crozy's finest mixed.
Carnation—Marguerite.
Castor Oil Bean.
Chrysanthemum—Annual sorts.
Cobæa—Climber.
Cosmos—Mixed.
Double Daisy.
Double Hollyhocks.
Double Japan Pink—Best mixed.
Escholtzia.
Everlasting Flowers—Mixed.
Gaillardia—Annual.
Godetia—Mixed.
Gourds, Ornamental.
Marvel of Peru.
Marigold, Double—Mixed.
Mignonette—Machet.
Morning Glory.
Nasturtium—Tall mixed.
Nasturtium, Dwarf-Mixed Colors.
Nasturtium, Tall—Lobb's mixed.
Pansy—Fine mixed.
Petunia.
Phlox Drummondi—All colors mixed.
Poppy—All kinds, mixed.
Portulaca—Mixed sorts.
Salvia—Splendens.
Scabiosa—Mourning Bride.
Snapdragon.
Stocks—Mixed.
Sunflower—Many kinds, mixed.
Sweet Peas.
Verbena—Best mixed.
Zinnia—Large flowering.

HARDY PERENNIALS—10 Varieties for 60c.

60c. **Gaillardia.** **Iceland Poppies.** **Larkspur.** **Pentstemon.** **Hollyhocks.** **Correopsis.** **Perennial Sweet Pea.** **Foxglove.** **Columbine.** **Double White Chrysanthemum.**

☞ We cannot permit any change in the composition of these Collections.

SIMMERS' COLLECTIONS OF FLOWER SEEDS

No.		Price per Coll.
884	**Asters—Truffaut's Pæony-flowered**—Twelve varieties	$0 50
885	**Asters—Victoria Double**—Six very showy varieties	30
886	**Balsams—Camelia-flowered Double**—Ten varieties	50
887	**Hollyhocks—Chaters Prize**—Twelve Choice Colors	50
888	**Larkspur—Double Hyacinth-flowered**—Twelve Choice colors	30
889	**Pansies**—Large flowered, spotted, twelve distinct varieties	1 00
890	**Phlox Drummondi**—Twelve varieties	50
891	**Phlox Drummondi**—Six distinct varieties	30
892	**Portulaca—Single**—Single distinct varieties, brilliant colors.	$0 30
893	**Poppy-Double or Pæony-flowered**-Twelve superb varieties	30
894	**Stocks—Large Pyramidal Globe Double**—Ten weeks, ten colors	50
895	**Stocks—Large Flowered, Pyramidal Globe Double**—Six distinct colors	30
896	**Stocks—East Lothian—Double**—Six distinct varieties	30
897	**Stocks—Giant Emperor, Double**—Winter flowering, 6 colors	40
898	**Zinnias—Double**—Six distinct varieties	40

MORNING GLORIES

899 **The Brazillian Morning Glory**—The leaves are 8 to 12 inches across. The flowers, which open in the morning, are 3 or more inches across, and of a beautiful rose color. Pkt 5c.

900 **Yellow Morning Glory**—The vines are literally covered with thousands of beautiful, pure yellow fragrant flowers. Pkt 5c.

Japanese Imperial Morning Glory

901 **Japanese Imperial Single Fringed**—These Morning Glories have given great satisfaction. Their exquisite beauty and enormous size (from 4 to 6 inches across) command admiration. The vines are strong and robust. Pkt 5c, oz 20c.

902 **"Mikado" Japanese Morning Glories**—Their varieties of color are infinite, running from snow-white through all possible shades of blue and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped and marbled. The leaves are handsome, some ivy-like, others heart-shaped some rich green, while others are streaked and marbled with white and silvery-gray or yellow; others with choicest flowers have rich, golden leaves. They grow anywhere, but the seeds germinate a little slower than those of the common Morning Glory. Pkt 10c, 3 for 25c.

903 **Double Mixed Japanese**—Pkt 5c, oz 30c.

SPECIAL OFFER

One packet of each of the six Morning Glories, 25c.

THE NEW AMPELOPSIS

Ampelopsis Veitchii Robusta Purpurea—An Ampelopsis of very strong robust growth. The foliage is different than Veitchii or Boston Ivy. The leaves are a blue purple with a shining gloss finish, having all the other characteristics of the well-known Boston Ivy. It will make double the growth of the Veitchii and stands our winters better.

904 Strong plants, each $1.00.

FLOWER SEEDS

Of the Leading Varieties of Flowers The kinds here offered are all special strains selected and kept true for florists use. In every class of interest for florists, such as Asters, Pansies Primulas, Cyclamen, Cinerarias, etc., we not only carry a complete assortment, but also the most expensive strains that the most careful growers and specialists can produce. We use in all our choicest mixture of the florists' seeds **some varieties** which actually cost us more than the selling price, but which bring up the mixture to a high standard.

Of New Crop and Tested Germination We prove the growth of our active selling stocks and we endeavor to send out none which do not show the right percentage of growth.

To Have "The Best Flower Seeds in Canada" is and has been our aim and ambition for years, and judging by the great increase in our sales of flower seeds to the trade and to florists, as well as to retail buyers, and knowing the quality we supply, we can safely say **there are none better.** Our knowledge of the flower seed business has been gained by practical labor among the plants in the fields, and by the study of the demands of the trade.

Our list contains **all the best novelties** that we know to be worthy of cultivation and that are improvements on the older kinds or entirely new varieties, as well as **all the standard sorts. The quality of our seeds is the very best,** and our prices are reasonable.

Our Packets are Very Liberal in Size containing in most cases more seeds than are needed for a home garden.

We Supply Florists Largely Everyone knows that Florists who sow and cultivate seeds do it for a living, and can only use the *best*. Our sales to Florists increase from year to year, which is the best proof of the quality of our seeds. You *get the same quality* we sell to the Florists, and that should convince you that it is **Simmers' Flower Seeds** you want for your garden.

In ordering Flower Seeds the running number need only be given with the year of publication of this Catalogue.

ANNUALS grow, bloom and die the first year from Seed.

BIENNIALS bloom the second year from Seed and then die, though many, if sown early in the spring, will flower the first year.

PERENNIALS usually bloom the second year, from Seed, and continue to grow and bloom for many years. Some will bloom the first year, if sown early.

Full Cultural Directions for Sowing are printed on each and every package.

There is Money for you

in Flower Seeds and it will pay you to secure your neighbor's orders. We make these **Liberal Discounts . . .**

Customers Sending $1.00, 2.00, 3.00, 4.00 **may select** $1.25, 2.50, 3.75, 5.00

Worth of Flower Seeds in *packets*. This discount, however, does not apply to seeds by weight or collections, nor does it apply to orders sent at different times during the season.

1 **ABOBRA VIRIDIFLORA**—An extremely pretty tuberous climber of the Gourd tribe, with handsome cut, glossy dark green foliage and small oval scarlet fruit, a perennial suitable for planting out during summer, forming beautiful garlands. The tubers have to be kept in a cellar or root house during winter. Per pkt **10c.**

2 **ABRONIA UMBELLATA**—Handsome training annual for edging, pretty pale rose flowers, similar to Verbenas. Per pkt **5c.**

3 **ABUTILON (Flowering Maple)**—Very free blooming greenhouse shrubs, with handsomely varied and striped bell-shaped flowers; are very ornamental in flower beds. Will bloom the first season when sown early, 2 to 6 feet. Per pkt **10c.**

4 **ACACIA**—Decorative greenhouse shrubs with elegant foliage, flowers yellow, white, or red, perennial. Mixed varieties. Pkt **10c.**

5 **ACANTHUS LATIFOLIUS**—Stately foliage plants, suitable for specimens on lawns, or in the borders, presenting a rich tropical effect. Half hardy perennial. Per pkt **5c.**

6 **ACHILLEA, Ptarmica**—Hardy perennial, with double white flowers. Per pkt **10c.**

7 **ADLUMIA CIRRHOSA** (Mountain Fringe or Alleghany Vine) a beautiful, hardy climbing perennial; flowers white with purple. Pkt **5c.**

Adonis

8 **Adonis Æstivalis** (*Flos Adonis*)—A pretty, hardy scarlet annual, 18 inches high, of easy culture, flowering from July to September. Per pkt **5c.**

9 **Adonis Vernalis**—A hardy perennial variety of the preceding one foot high, with showy yellow flowers. Per pkt **5c.**

Adonis Æstivalis (*Flos Adonis*), Scarlet. Pkt 25c.

Achimenes

Splendid plants for the greenhouse or conservatory, flowers all shades of white, crimson, blue, etc., and afford a blaze of beauty the whole summer.

10 **Achimenes Hybrida.** Per pkt **25c.**
" " **Bulbs.** Per doz. **50c.**

Acroclinium

A beautiful class of half-hardy everlasting annuals, 1 ft. high; graceful border plants.

11 **Roseum fl. pl.**—Double flowers. Per pkt **10c.**
12 **Mixed,** rose and white. Per pkt **5c.**

Aconitum (Monkshood)

Showy hardy perennials, four feet high, growing in any good soil, even under the shade of trees.

13 **Aconitum Napellus**—Bright blue and white flowers. Per pkt **5c.**

Agathæa

14 **Blue Daisy or Marguerite**—Hardy annual blooming profusely with daisy-like flowers of a beautiful shade of blue, which contrasts finely with the golden-yellow centre; invaluable. Per pkt **10c.**

Agathæa

Ageratum

Very useful half-hardy annuals for borders and bouquets, flowers very regular, height one to two feet, except the Tom Thumb kinds which are not over six inches in height; prevailing color, bright lavender blue.

15 **IMPERIALIS**—Dwarf white. Per pkt **5c.**
16 ——**Cope's Pet**—Lovely azure blue; eight inches high. Per pkt **10c.**
17 ——**Tom Thumb**—Large flowering rose. This beautiful variety forms bushy compact plants about 12 inches high, bearing large trusses of rose-colored flowers in such abundance as to almost cover the plant. Desirable for pot culture, or as a basket or vase plant. Per pkt **10c.**
18 ——**Mexicanum**—Lavender blue. Per pkt **5c.**
19 ——**Mexicanum**—White. Per pkt **5c.**

Agrostemma (Crown of the Field)

Free-flowering hardy annuals or perennials; flowers pink, in different shades; very pretty, like single pinks; height one to two feet; time of flowering from June to August.

20 **Agrostemma Cœli Rosa** (Rose of Heaven)—Annual. Per pkt **5c.**
21 ——**Hybrida Splendens** (Rose Champion)—Deep crimson. Per pkt **5c.**

Ammobium (Winged Ammobium)

22 **Alatum Grandiflorum**—A half-hardy everlasting biennial, flowering the first year, double white with yellow centre. Per pkt **5c.**

Ageratum—Cope's Pet. Pkt **10c.**

SIMMERS' SUPERB DOUBLE ASTERS

Note—It is an undeniable fact that for purity, Aster seed grown in Germany is far superior to any grown elsewhere. The climate is better suited to the full development of the flowers and the German growers have the experience of a century behind them. There is a great deal of cheap Aster seed offered to us every year, but we prefer to buy seed of *careful* and *experienced* growers, though high priced, and our selections are made from these.

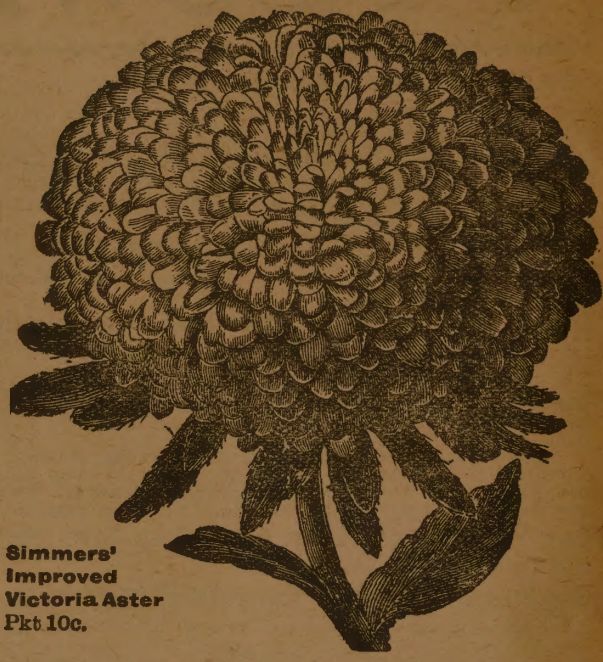
Collections

of Truffaut's Pæony flowered Asters, twelve colors, **50c.**

Collections

of Improved Victoria Asters, six colors, **30c.**

Truffaut's Pæony-Flowered Double Aster. Pkt **10c.**



Simmers' Improved Victoria Aster Pkt **10c.**

Truffaut's Pæony-Flowered Asters

One of the handsomest and most ornamental sorts. The plants, which are very vigorous, grow from 18 to 24 inches high; the flowers are borne on long, wiry stems and are very large, from 3 to 4 inches in diameter, very double, and in shape like a Pæony. The colors are both bright and delicate, and altogether, this Aster is nearly perfection.

23 **Glowing Crimson**.....Pkt **10c**
24 **Dark Blue and White.**Pkt **10c**
25 **Lilac Blue**.....Pkt **10c**
26 **Pale Red and White**..Pkt **10c**
27 **Pure White**.....Pkt **10c**
28 **Violet and White**....Pkt **10c**
29 **Mixed Colors**..... .Pkt **10c**

Dwarf Queen Asters

This splendid Aster makes dwarf bushy plants about 10 inches high, of compact habit of growth, producing a great number of double flowers.

30 **White**..Pkt **10c.** 31 **Crimson**..Pkt **10c.** 32 **Mixed**..Pkt **10c.**

"Snowball or Princess" White

33 This is the first variety of an entirely new class which may be best compared to Lilliput Dahilas. A single plant develops as many as 30 pure white flowers. Per pkt **10c**, 3 for **25c.**

"Triumph"

34 About 7 to 8 inches high, the individual flowers measuring from 2½ to 3 inches across and are of the most faultless Pæony form. The color is a peculiarly rich and brilliant pure scarlet. It produces its flowers in great abundance, each plant bearing at least 30 to 40. Pkt **10c.**

Yellow Aster "Sunlight"

35 Blooms very freely. The flowers are of a fine form, with petals somewhat shorter than those of the Jewel Aster, and measuring 3 to 4 inches in diameter. Pkt **10c**, 3 for **25c.**

36 **Large Pæony-Flowered Robust Dwarf**—Most valuable, being constantly in growth, with handsome foliage and large, beautifully-formed flowers, brilliant colors, mixed. Pkt **10c.**

Queen of the Market

Blooms three weeks earlier than other Asters, of branching habit, excellent for growing under glass. 1 foot.

37 **White**.....Pkt **10c.** 38 **Light Blue**.....Pkt **10c.** 39 **Rose**.....Pkt **10c.**
40 **Crimson**....Pkt **10c.** 41 **Mixed**.....Pkt **10c.**

Earliest Parisian

The earliest of all by nearly three weeks. Plants are dwarf and very branching, blooming very freely; very double flowers borne on very long stems, rendering them of exceptional value for cutting.—42 **White**.....Pkt **10c.** 43 **Rose**.....Pkt **10c.**

Ostrich Plume Aster

44 Plants 15 to 18 inches high and of strong branching habit, the flowers measuring 4 to 5 inches in diameter and borne on long stems. The petals are long, wavy and so twisted as to give an extremely beautiful effect. Pkt **10c**, 3 for **25c.**

Simmers' Improved Victoria Asters

Undoubtedly one of the most handsome Asters in cultivation of which we have an excellent strain. Flowers very large and perfectly double, of globular shape and beautifully imbricated; plants are of fine pyramidal form. 1¾ feet high. 45 **Pink,** Pkt **10c.** 46 **Scarlet,** pkt **10c.** 47 **Purple,** pkt **10c.** 48 **White,** pkt **10c.** 49 **Finest Mixed**, pkt **10c**, oz **$2.00.**

Giant Comet Asters

A handsome new and very distinct Aster, resembling the Japanese Chrysanthemum in shape of flowers; the petals are very long and beautifully curled, are of a lovely delicate pink, bordered with white, bright pink, light blue, white borders and other colors.

50 **Pink**, pkt **10c.** 51 **Pink and White**, pkt **10c.** 52 **Light Blue**, pkt **10c.** 53 **Pure White,** pkt **10c.**
54 **The Bride**—A variety of the Giant Comet type. The flowers, on opening, are of purest white, changing as they become older to a beautiful shade of rose; a most unique transformation. Pkt **10c.**
55 **Mixed**—Pkt **10c**, 3 pkts **25c.**

New Giant-Branching Comet Asters

Freedom—A greatly improved type of the Comet Aster, in which each of the enormous flowers is provided with a long, stiff stem, making them most desirable as a cut flower. The flower is bright carmine, finely striped with silvery white. 56 Pkt **10c**, 3 pkts for **25c.**

Victory—Another of the Giant-Branching type, producing large, bright crimson flowers of the true Comet form on long stiff stems. The petals being well reflexed showing a beautiful soft shade of cedar carmine or rose-pink. 57 Pkt **10c**, 3 pkts for **25c.**

58 **Giant-Branching Comet** (Mixed)—Pkt **10c**, 3 pkts for **25c.**

Japanese Giant Aster

59 Plants of pyramid growth, about 18 inches high, bearing on long stems from 40 to 50 flowers, averaging 5 inches across, composed of wavy and twisted needle-shaped petals, making the flower free from the stiff and formal appearance usual to Asters. Mixed colors. Pkt **10c**, 3 pkts **25c.**

Comet Aster Pkt **10c.**

Special Offer For those wishing a succession of Asters during the season we offer the following four varieties: **QUEEN OF THE MARKET**, Mixed, early; **PÆONY FLOWERED,** Mixed, medium; **VICTORIA,** Mixed, medium; **SEMPLES BRANCHING,** Mixed, late. **1 packet of each for 35 cents.**

ASTERS

Giant Branching

The plants form strong, robust bushes about two feet high, bearing profusely on long, strong stems, handsome Chrysanthemum-like flowers, many being over six inches in diameter. The flowers have none of the stiffness usual to most Asters, making them particularly desirable as cut flowers. They come into flower from two to three weeks later than most sorts, filling the gap between the general run of Asters and Chrysanthemums.

60	**Pure White**	per pkt 10c	65	**Crimson and White**	per pkt 10c
61	**Shell Pink**	" 10c	66	**Rose and White**	" 10c
62	**Lavender Blue**	" 10c	67	**Purple**	" 10c
63	**Bright Crimson**	" 10c	68	**Mixed Colors**	" 10c
64	**Blackish Blue**	" 10c			

One packet each of any five colors for 35 cents.

69 **Daybreak**—A grand variety. Of American origin. It attains a height of 18 to 24 inches, and produces lavishly its perfect globe-shaped flowers of beautiful shell-pink color, similar to that of the Daybreak Carnation. A magnificent variety either for bedding or for cut flowers. Per pkt 10c, 3 pkts 25c.

70 **"Mignon" Mixed**—This beautiful Aster has rapidly acquired general popularity. We have, it is true, succeeded in obtaining several new colors, but they show as yet such a tendency to vary that we are constrained to offer mixed seed only. The mixture contains light blue, lilac, rose, carmine rose and crimson varieties in addition to the fine white one. Per pkt 10c.

71 **Washington**—Pure white, flowers 4 to 5 inches in diameter and of perfect form. Free bloomer. Per pkt 10c.

72 **Vick's White Branching**—This Aster is a strong grower of branching habit, and blooms later in the season than any other variety. The flowers are pure white, four inches and over in diameter, and borne on long stems. Pkt 10c.

73 **China**—Double-quilled Chinese Aster; 1 to 2 feet; in variety mixed. Oz 75c, pkt 5c.

74 **Chrysanthemum-Flowered Double Dwarf**—Of very compact growth, very abundant; later than other varieties, therefore valuable for succession; 1 foot mixed colors. Pkt 10c.

75 **Crown or Cockade**—Large flowers with two colors, the centre being white; height 1½ feet, varieties mixed. Pkt 10c.

76 **Giant Emperor**—Beautiful class, large double flowers, varieties mixed. Pkt 10c.

77 **Goliath White**—Vigorous growth, producing immensely large flowers upward of 5 inches in diameter, so double as to appear in a subconical form, of a dazzling white color. Pkt 10c.

78 **SIMMERS' EXCELSIOR MIXTURE OF TALL DOUBLE ASTERS**—This is a mixture of the most beautiful, striking and delicate colors of tall varieties selected from the cream of Truffaut's desirable sorts, and includes our best named kinds. Like our other popular mixtures of Pansies, Nasturtiums, etc., we select the finest special colors for Simmers' Excelsior Mixture of Tall Double Asters, and the Aster lover will be astonished at the wide range of colors given in this truly excelsior strain. Pkt 10c, 3 pkts 25c, ⅛ oz 40c.

79 **SIMMERS' EXCELSIOR MIXTURE OF DWARF ASTERS**—Many of our customers may find difficulty in choosing among the above strains of Dwarf Asters, and where not desired for an even bed or border we would recommend the planting of our Excelsior Mixture. It consists of the most distinct and lovely colors from all the above Dwarf Asters, and we guarantee it to give satisfaction. Pkt 10c, 3 pkts 25c, ⅛ oz 40c.

ASTER SEED BY WEIGHT

Victoria—In separate colors	per one-eighth oz.	40c
" All colors mixed	" "	30c
Truffaut's—In separate colors	" "	40c
" All colors mixed	" "	30c
Dwarf Chrysanthemum-Flowered—All colors mixed	" "	30c
Comet Mixed	" "	30c
Semple's—In separate colors	" "	20c
" Mixed	" "	20c

AMARANTHUS

Plants grown exclusively for their foliage, and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equalled by any class of plants. They succeed in any soil.

80 **Atropurpurues**—Hardy annual, 3 feet in height, drooping flower plumes, heart-shaped metallic tinted leaves. Pkt 5c.

Amaranthus Tricolor. Pkt 5c.

81 **Caudatus** (Love Lies Bleeding)—Hardy popular annual, 2 feet in height. Pkt 5c.

82 **Melancholicus Ruber**—Half-hardy annual, 2 feet high, with rich blood red foliage. Pkt 5c.

83 **Monstrous** (Prince of Wales Feather)—A hardy popular annual of pleasing effect, 2 feet in height. Pkt 5c.

84 **Salicifolius** (Fountain Plant)—2 to 3 feet in height, of branched and pyramidal growth. Pkt 5c.

85 **Salicifolius Henderi**—3 to 5 feet high, forming a well-branched, gracefully-curved pyramid, with pendent foliage 12 inches in length. Pkt 10c.

86 **Tricolor** (Joseph's Coat)—Half hardy annual, 1½ feet high, foliage beautifully marked, yellow, red and green, very showy. Pkt 5c.

87 **Tricolor Splendens**—An improved variety of the preceding, the foliage being more distinctly marked. Pkt 5c.

ALOYSIA (Lemon-scented Verbena)

88 A perennial, popular deciduous greenhouse shrub known as the Lemon-Scented Verbena, Aloysia Citriodora (*Verbena Citriodora*). Pkt 10c.

Giant Branching Aster. Pkt 10c.

ALYSSUM

Free flowering, pretty little plants for beds, edging or rock work. The annual variety blooms the whole summer, and the perennial is among our earliest and most attractive spring flowers.

Sweet Alyssum. Pkt 5c.

89 **Sweet Alyssum** White fragrant flowers, hardy annuals, 6 inches. Per oz 30c, pkt 5c.

90 **Little Gem**—Of dwarf compact habit, 3 to 5 inches in height, each plant covering a circle 15 to 30 inches in diameter. Flowers when quite small, and is a solid mass of white bloom from spring till late autumn. Per oz 40c, pkt 10c.

91 **Saxatile Compactum**—Golden yellow, shining, hardy perennial, three-quarter foot high. Pkt 5c.

ALONSOA (Mask Flower)

Handsome bedding plants, succeeding well in any garden soil, freely producing flowers of great brilliancy; half-hardy annual.

92 **Warscewiczii**—Bright scarlet flowers. Pkt 5c.

93 **Linifolia**—Scarlet flowers, fine feathered foliage. Pkt 5c.

AMPELOPSIS

94 **Quinquefolia** (Virginia Creeper)—One of the best climbing plants for permanent situations, as it is perfectly hardy, cling to the sides of whatever it may be growing against by the rootlets which it throws out along the stems. Grows 50 to 100 feet high. Pkt 10c.

95 **Veitchii** (Boston Ivy)—It clings to stonework, tree, etc., and is a splendid plant for covering unsightly objects; it attains a height of 50 feet. Perfectly hardy. See Plant List for large well-grown plants. Pkt 10c.

ANAGALLIS (Pimpernello)

Pretty little trailing, hardy annuals, flowering profusely in summer; used with advantage for small beds, edgings, rustic baskets, vases or rock work.

96 **Grandiflora**—Scarlet, blue and carmine mixed. Pkt 5c.

ANCHUSA

Showy hardy perennials, with intense blue flowers of the form of Forget-me-not, with clear white centre, continuing in bloom for a long time.

97 **Altissima**—Three feet in height. Pkt 5c.

ANGELONIA

Pretty hot-house plant with fine musk-like scent; suitable for windows.

98 **Florabunda Grandiflora**—Pkt 15c.

FLOWER SEED BY WEIGHT

We carry large stocks of Flower Seeds and can furnish any quantity desired of any sort. Send us your list for estimate.

Aquilegia (Columbine)

Highly ornamental, hardy perennials, combining at once flowers the most curious in form with colors most striking and beautiful; height from 2 to 3 feet; seed germinates very slowly.
99 **Stellata fl., pl.**—Star-like double flowers, different colors, mixed. Pkt 10c.
100 **Vulgaris fl., pl.**—Double flowers, showy, different colors, mixed. Pkt 5c.
101 **Chrysantha** (Golden spurred)—Bright golden yellow, 3 feet. Pkt 10c.
102 **Chrysantha Alba** (White spurred)—A beautiful pure white variety. Pkt 10c.

Arabis (Rock Cress)

Remarkably early flowering dwarf plants for rockeries, flower-beds, edgings, etc. Continuously in bloom from early spring until frost sets in; height 9 inches; hardy perennial.
103 **Alpina**—Per pkt 5c.

Argemone (Prickly Poppy)

Showy, hardy annuals; flowers the shape of a single poppy, leaves bluish green, with white veins forming pleasing contrast; of easy culture.
104 **Grandiflora**—Height 2 feet, large flowered. Pkt 5c.
105 **Mexicana**—Showy yellow. Pkt 5c.

Aquilegia or Double Columbine. Pkt 5c.

Giant Tall White Snapdragon

Giant Snapdragon or Antirrhinum Majus Grandiflorum

These handsome and profuse flowering plants have long been favorites in our gardens. They are of very easy culture, even in rather dry locations, growing sturdily and producing quantities of flowers throughout the summer and autumn, from spring-sown seed.

106 **Firefly**-Scarlet, white throat. Pkt 5c.
107 **Brilliant**-Scarlet, golden and white. Pkt 5c.
108 **Crescia**—Fine deep Scarlet. Pkt 5c.
109 **Snapdragon Kermesina Splendens**—Deep rose. Pkt 5c.
110 **Luteum**—Yellow. Pkt 5c.
111 **Giant White**—Pure snow white. Pkt 5c.
112 **Giant Tall Mixed**—Pkt 5c.

SPECIAL OFFER—One packet each of six varieties of Tall Giant Snapdragons, 25c.

Large Flowering Dwarf Snapdragon or Antirrhinum

Compact, thrifty, bushy plants. For low flower beds and edgings they are charming subjects, and for pot culture they are scarcely of less value.
113 **Golden Queen**—Pure Yellow. Pkt 5c.
114 **Queen of the North**—White. Pkt 10c.
115 **Victoria**—White and red, very fine. Pkt 5c.
116 **Atrococcineum**—Deep scarlet. Pkt 5c.
117 **Dwarf Large Flowering, Mixed**—Pkt 5c.

Special Offer One package each of the four varieties, large flowering Dwarf Snapdragons, 20c.

Aristolochia (Dutchman's Pipe)

118 **Sipho or Bonplandi**—An exceedingly beautiful and interesting rapid-growing deciduous hardy perennial climber, flowers resembling a tobacco pipe. Pkt 10c.

Armeria (Thrift, Sea Pink)

119 **Formosa Rosea**—Commonly known as Thrift; hardy perennial of low growth, rosy flowers of long duration, like Everlastings; the plants are the best for edging borders or rockeries. Pkt 10c.

Arabian Primrose (Summer Flowering)

120 **Arnebia Cornuta**—A charming annual, growing in bushy form about two feet high and about the same in breadth; flowers over three-quarters of an inch across, and of a rich primrose yellow, marked with five black spots. Pkt 10c.

Brachycome (Swan River Daisy). Pkt 5c.

Asperula (Woodruff)

121 **Azurea Setosa**—A hardy annual of easy culture in any soil, and of most valuable qualities, with verbena-like umbrels of azure blue flowers, height one foot. Pkt 5c.
122 **Odorata**—A hardy perennial, one foot in height; the small star-like branches of fragrant white flowers appear in May and June. Pkt 10c.

Asparagus

123 **Plumosus Nanus**—This plant possesses the advantage of being very graceful, its foliage being finer than that of the most delicate fern, and will last for weeks after being cut, the whole plant being of a bright cheerful green. It is an excellent house plant, succeeding under almost any conditions. Pkt 10c, 3 for 25c.
124 **Sprengeri**—A pot plant for decorative purposes or for planting in suspended baskets. It will make an excellent house plant, as it withstands dry atmosphere and will succeed in almost any position. We consider this one of the best house plants introduced in many years. Pkt 10c, 3 for 25c.

Auricula

125 **Variegated**—Very beautiful dwarf, hardy perennial, succeeds best in northern aspect not exposed to the sun; choice quality. Pkt 10c.

Balloon Vine (Love in a Puff)

126 A rapid-growing, handsome summer climber, small white flowers, seed vessels resemble small balloons; 10 to 15 feet high. Pkt 5c.

Bartonia

127 **Aurea**, or Golden Bartonia—A favorite hardy annual, with showy, brilliant yellow flowers; of easy culture. Pkt 5c.

Beet (Ornamental)

The ornamental-leaved Chilian Beets are among the most useful of the decorative foliage plants. For ribbon beds or groups they are very effective.
128 **Red Chilian**—Scarlet ribbed. Pkt 5c, oz 15c.
129 **Yellow Chilian**—Golden Yellow. Pkt 5c, oz 15c.
130 **Dracæna-Leaved**—Brilliant dark red foliage. Pkt 5c.

Begonia

Plants may be had in flower the first season from seed grown in February or March in a temperature of 60°. Set out in beds as soon as the ground becomes warm. Keep tubers over winter in dry sand.
131 **Giant Single Tuberous Rooted**—Finest mixed varieties. Pkt 25c.
132 **Giant Double Tuberous Rooted, Mixed**—Our seed has been hybridized, using the most double flowers and handsome single varieties. Pkt 35c.
133 **Pearcei**-A magnificent tuberous variety, bright golden color. Pkt 25c.
134 **Rex Hybrids**—Ornamental-leaved varieties. Pkt 25.
135 **Vernon**—Flowers of a brilliant orange carmine; foliage of a glossy red, blooms profusely throughout the summer; a good bedder. Pkt 10.

BELL FLOWER—(See Companula). **BLEEDING HEART**—(See Dielytra).

Bocconia

136 **Japonica**—A hardy, perennial foliage plant of pleasing effect among shrubbery, 5 to 6 feet. Pkt 5c.

Brachycome (Swan River Daisy)

Neat dwarf, half-hardy annual, 6 inches high, flowers similar to the Cinerarias.
137 **Iberidifolia**—Blue. Pkt 5c. 138 White—Pkt 5c.

Browallia

139 **Elata**—Blue. Pkt 5c. 140 **Elata**—White. Pkt 5c.
141 **Roezlii**—Blue, yellow centre. Pkt 10c. 142 **CACALIA, Mixed.** Pkt 5c.
143 **CALANDRINIA—Grandiflora**—Deep pink. Pkt 5c.
144 **CACTUS**—Sow seed in flower pot saucers filled with coarse sand, and cover with glass. A better way is to set the saucer of seeds into a larger one containing water. Put the young seedlings into very small pots. Many varieties, extra choice mixed. Pkt 10c.

Double Tuberous Begonia. Pkt 35c.

...BALSAMS...

Balsams or Lady Slippers are old favorites with everyone, owing to their handsome double flowers, brilliant colors and stately growth.

145 **Simmers' Invincible Camellia-Flowered Double Mixed**—We have no hesitancy in pronouncing this strain the FINEST IN CULTIVATION. The flowers are very large, measuring from two to three inches in diameter, of perfect form, resembling the flower of the Camellia and are as double. Height two feet; mixed. Pkt 10c, 3 pkts 25c.

Calandula, Double Large Flowering, Sulphur Yellow. Pkt 10c.

146 **Dwarf Double**—One foot in height, flowers abundantly, quite distinct. Pkt 10c.

147 **Solferino Double,** or Carnation Striped Finest Mixed—Distinguished by the flowers being striped and streaked with lilac and scarlet on satin-white ground. Pkt 10c.

148 **Camellia-Flowered Perfection White** (Queen's White)—Flowers pure white, of immense size and solidity. Pkt 10c.

149 **Victoria Double**—Brilliant salmon-scarlet, finely-spotted and streaked flowers on white ground, tall, very fine. Pkt 10c.

Collection of Camellia-Flowered Balsams—Ten very fine varieties, 50c.

Simmers' Invincible Camellia-Flowered Double Balsams. Pkt 10c.

Calendula (Pot Marigold)

A showy free-flowering genus of hardy annuals, producing a pretty effect on mixed borders, and growing freely on any soil.

150 **Double Large Flowering, Sulphur Yellow**—A light yellow variety of this favorite annual, compact habit, large well-filled flowers. Pkt 10c, 3 for 25c.

151 **Pongei fl. pl.**—Double white. Two feet high. Pkt 5c.

152 **Ranunculoides fl. pl.**—Double flowering dwarf orange. Pkt 5c.

153 **Superba**—Sulphur. Pkt 5c.

154 **Meteor**—Double striped, flowering, very commendable. Pkt 5c.

155 **Mixed Varieties**—Pkt 5c, oz 20c.

Calceolaria Hybrida Maculata

Calceolaria (Lady's Slipper)

A most magnificent, early-flowering class of indoor or hardy greenhouse plants treated as biennials, with remarkably showy, interesting flowers, mottled and spotted in endless varieties of shade.

156 **Hybrida Maculata** (James' Giant Strain)—Beautiful variety with spotted or mottled flowers, highly improved. ½ pkt 25c, pkt 50c.

157 **Hybrida Shrubby** or Perennial—For bedding out, bright yellow flowers. ½ pkt 25c, pkt 50c.

California Golden Bells

158 **Emmanthe Pendulifera** An annual bushy plant, 9 to 12 inches high, each branch is loaded with broad bell-shaped flowers, about one-half inch long, of creamy yellow color. Pkt 10c.

Campanula (Canterbury Bells)

Bellflowers, when well-grown, are among the most attractive of hardy perennial plants, from the rich profusion of bell and saucer-shaped flowers in blue, white or flesh color.

159 **Medium Single Mixed** (Canterbury Bells)—Two feet high; large single blue flowers. Pkt 5c.

160 **Medium Double Mixed**—Double flowering variety of the preceding, constant from seed. Pkt 5c.

161 **Pyramidalis**—Three to five feet high, producing long spikes closely set with deep blue flowers. Pkt 10c.

162 **Loreyi**—A dwarf hardy annual, with deep blue flowers. Pkt 10c.

163 **Macrostyla**—A hardy annual, 15 inches high, forming a broad-headed bush, surmounted with cup-shaped flowers, 1½ inches across, violet purple upon white ground. Pkt 10c.

Campanula

164 **Cup and Saucer**—The flowers grow in the form of a cup and saucer, the colors are principally white and rose and occasionally blue. Pkt 10c, 3 for 25c.

165 **Striped Cup and Saucer**—The bells average 3 inches in length, and the saucers 4 to 5 inches across, of a satiny lavender. Plants form perfect pyramids of bloom about 24 inches high. Hardy biennial. Pkt 10c, 3 for 25c.

Calliopsis or Correopsis

Showy, free flowering hardy annuals, indispensable in any collection, adapted for bouquets.

166 **Double Yellow**—Double golden-yellow, with maroon spots. Pkt 5c.

167 **Tricolor**—Very desirable hardy annual, 1 to 1½ feet, yellow flowers, dark centre. Pkt 5c.

168 **Cardaminæfolia, Hybrida**—Of more dwarfish habit than the preceding, dark brown. Pkt 5c.

169 **Golden Wave**—Very showy sort, bright golden-yellow flowers, dark centre. Pkt 5c.

170 **Mixture** of all the desirable sorts. Pkt 10c.

171 **Correopsis Lanceolata**—Golden Correopsis—One of the finest hardy plants, large, showy bright golden yellow flowers freely produced on long stalks from June till frost. Hardy perennial, 3 feet. Pkt 10c.

Callirrhoe

172 **Pedata**—A half-hardy annual of the Mallow tribe, with large deep rosy flowers produced in abundance during the whole summer, of easy culture, height 2 feet. Pkt 5c.

Calliopsis Mixed. Pkt 10c.

Canary Creeper or Canary Bird Flower

CANARY CREEPER

(or Canary Bird Flower)

173 A well-known, pretty, favorite creeping annual with bright yellow flowers shaped like a bird with partly extended wings, running up to 8 or more feet in height, in light, rich soil; it may be treated as a hardy or half-hardy annual. Per pkt 5c, oz 30c.

CANDYTUFT

Hardy annual or perennial, yielding an abundance of fragrant flowers throughout the whole season in almost any soil or situation; it is a well-known favorite for beds, edgings, pots, borders, etc., deserving to be cultivated in every garden.

174 **Empress**—One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of a very branching habit, and when fully grown and covered with its large trusses of pure white flowers, resembles a floral candelabra. Do not sow too thickly. Per pkt 10c, 3 pkts 25c, ½ oz 30c.

175 **Candytuft, White Rocket**—Pkt 5c, oz 20c.

176 **Scarlet** (or Carter's Carmine)—One foot high. Pkt 5c.

177 **Purple**—One foot high. Pkt 5c.

178 **Snowflake White**—One foot high. Pkt 5c, oz 25c.

179 **Mixed.** All colors. Per pkt 5c, oz 20c.

180 **New Dwarf Hybrids**—This is a very choice mixture of dwarf-growing Candytuft with flowers candelabra shaped, in a large variety of colors, very attractive and well worthy of a trial. Pkt 10c, 3 for 25c.

181 **Perennial** (*Iberis Tenoreana*)—A half-hardy perennial shrub, 1 foot high, white fragrant flowers, for indoor culture. Per pkt 10c.

182 **Iberis Gibraltarica, Perennial**—A beautiful hardy perennial, about 1 foot high, specially adapted for rockeries, baskets, etc. Coming into flower early in the spring. It is a very profuse bloomer, and in color it is pure white, shading off to delicate lilac. Pkt 10c, 3 for 25c.

Empress Candytuft. Pkt 10c.

Cineraria Hybrida Grandiflora Maxima

Canna (or Indian Shot)

Very stately and highly ornamental plants, with large, broad, massive foliage, and rich crimson, scarlet or yellow flowers. When planted in groups or masses they impart a tropical aspect to the garden. They are half-hardy, and produce fleshy roots which, if taken up and kept in a cellar, may be divided every spring and used like Dahlias for years.

183 **Crozy's Gladiolus Flowered**—This distinct class, of dwarf, compact habit, produces flowers similar to the Gladiolus, but excelling them in brilliancy, marking and variety of colors, embracing all shades. They are valuable for groups, solitary plants and for house decoration. They will bloom the first year from seed. Per pkt 10c, ½ oz 20c.

184 **CHOICE MIXED, Old Varieties,** red and green foliage. Pkt 5c.

Centrosema Grandiflora or Butterfly Pea

185 A perfectly hardy perennial vine of rare beauty, which blooms in July from seed sown in April, and bears in great profusion inverted pea-shaped flowers ranging in color from a rosy violet to a reddish purple with a broad feathery white marked through the centre, the buds and back of the flowers being pure white. Pkt 10c.

Catchfly

186 A favorite hardy annual, 1 foot high, flowering freely, and suitable in any soil. Pink and white. Pkt 5c.

CASTOR OIL BEAN

(Palma Christi)

Most favorite stately growing hardy annuals; from their tall growth and fine foliage well suited for decorating shrubberies or lawns.

187 **ZANZIBARENSIS**—A new form of Ricinus, of short-jointed stout growth and extraordinary large leaves, which are produced in such abundance that the plant is a perfect pyramid of beautiful foliage. The most tropical and ornamental Castor Bean yet introduced. The seeds, which grow to extraordinary size, are beautifully mottled and speckled, and show various colors: White, pink, black, crimson, etc. The seeds are as beautiful to look at as are many flowers. They are sure to please all. Pkt 40c, oz 20c, ¼ lb 50c.

188 **Cambogiensis**—They grow from 6 to 8 feet high in a few weeks from time of planting, with large, palm-like leaves of a bronzy red maroon color with large red veins. The leaf stems and younger growth are of rich reddish brown, while the main stem or trunk is of ebony black, the foliage in the sunlight glitters as if highly burnished. Pkt 10c, oz 30c.

189 **Borboniensis Arboreus**—Immense green foliage, 15 feet. Pkt 5c, oz 20c.

190 **Gibsoni**—Dark purple stems and leaves; 5 feet. Pkt 5c, oz 20c.

191 **Sanguineus**—A distinct variety, with beautiful brownish-red foliage and bright seed pods; very effective; 6 feet high. Pkt 5c, oz 20c.

192 **Mixed**—In many sorts. Pkt 5c, oz 20c.

CINERARIA

FLOWERING VARIETIES—A popular class, mostly indoor or greenhouse plants, yielding abundance of bright tinted flowers early in spring in great variety of shades. Cinerarias grown from our strain of seed have been greatly admired on account of their large flowers and distinct colors. Our strain of Cineraria cannot be surpassed either for size of flowers or beauty of color, many of the blooms measuring 2½ inches in diameter. We have received very flattering reports from florists and private gardeners of their success with our Cineraria seed. All desiring the *best* should obtain our strain.

193—**Hybrida Grandiflora Maxima**—Mixed, ½ pkt 25c, pkt 50c.

Castor Oil Bean-Zanzibarensis. Pkt 10c 3 for 25c.

Cineraria Stellata (Star Cineraria)

194 **Stellata** (Star Cineraria)-A charming variety, with large spreading panicles of starry flowers in the same variety of colors as the ordinary Cineraria; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house or conservatory, and especially so for church decoration; also useful for cutting, 35c.

195 **Hybrida, double flowered**—Representing every shade of color; unquestionably one of the best of recent introduction. ½ pkt 25c, pkt 50c.

Bedding Cinerarias

196 **Maritima**—A hardy perennial extensively used for bedding purposes on account of the silvery, finely fringed foliage. Pkt 5c.

197 **Acanthifolia**—Silvery leaves, beautifully cut, 1 foot high. Pkt 10c.

SIMMERS' CARNATIONS

Carnation Chabaud's Everblooming

A magnificent genus of hardy popular perennials, with deliciously fragrant flowers of most brilliantly variegated colors.

198 **Extra Choice Double**—Mixed saved from a rich collection of named flowers, which will produce splendid varieties. Per pkt 25c.

199 **Fine Double**—Mixed, sweet scented sorted sorts. Pkt 10c.

200 **Chabaud's Everblooming**—A new strain raised by M. Chabaud, a Carnation specialist of Southern France. The plants are of even height, as if trimmed, healthy and vigorous, the stalks stiff as wire, the flowers large, very double, deliciously sweet and in the largest and most charming color variations. These also bloom in four months from the time the seedlings are up. Pkt 15c, 2 for 25c.

201 **Remontant, Perpetual Flowering, or Tree**—Flowering almost constantly during the year, and in winter if kept indoors Seeds from extra choice double flowers. Per pkt 25c.

202 **Early Dwarf Grenadin**—For yielding a quantity of double flowers for cutting there is no carnation that can equal it. It will live through the winter with very little protection, being one of our hardiest sorts. Flowers salmon-red and sweet scented. Pkt 10c.

203—**Marguerite**—Plants are of dwarf, compact and neat habit, branching closely above the ground, and do not require any support. They flower most abundantly, and throughout the whole year. Eighty per cent. of the flowers are very double, never burst, and embrace a great variety of colors. The seedlings bloom in four months from planting and by making repeated plantings flowers may be had all winter. Pkt 10c, 3 for 25c. For Carnation plants, see under plants.

CHRYSANTHEMUM (Annual Summer Flowering)

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer flowering border plants; good for pot culture, and quite distinct from the autumn flowering variety.

204 **Coronarium**—Two feet double white and yellow mixed. Pkt. 5c.

205 **Single Mixed**—One to two feet. Per pkt 5c, oz 30c.

206 **Eclipse**—Pure golden, with bright purplish scarlet ring on ray floret; disc is brown. Pkt 5c.

207 **Dunnetti**—Three-colored flowers, very pretty. Per pkt 5c.

208 **Grandiflorum Frutescens**—("The Marguerite" or "Paris Daisy.") It produces freely white star-like flowers. Pkt 10c, 3 for 25c.

209 **Inodorum Plenissimum**—Double, snow-white, very free-flowering and fine for cutting. A perennial flowering the first year from seed. Pkt 10c.

210 **Japanese Hybrids**—The seed here offered has been saved from a magnificent collection, from blooms that have been carefully crossed, and may be expected to produce some rare novelties in this popular flower. Chrysanthemum seed grown in spring will produce vigorous flowering plants by fall, and do better than old plants. Per pkt 20c.

CLEOME (Spiderwort)

Very pretty, half hardy, fragrant annuals, two feet high, flowers somewhat resemble a spider.

211—**Purpurea**—Purplish blue flowers. Pkt 5c.

212—**Pungens** (*Giant Spider Plant*)—A showy robust growing plant, 4 to 5 feet high, producing long curious spikes of flowers of a bright rose color. Pkt 10c.

CENTRANTHUS

213 **Macrosiphon**—Showy, low growing, hardy annuals, suitable for any ordinary garden soil. Pink flowers, one foot. Pkt 5c.

CLARKIA

A genius of hardy annual plants of great elegance and beauty, succeeding well in any soil, and flowering freely in many shades of color.

214 **Mrs. Langtry**—A beautiful form of Clarkia. The petals have an even edge, the color of the flowers being purest white, with an evenly defined disc or centre of carmine crimson. Pkt 10c.

215 **Double and Single Varieties** — Mixed. Per pkt 5c.

CLEMATIS (Virgin's Bower)

These hardy perennials are most rapid growing climbers, producing an abundance of interesting, sweet-scented and showy flowers.

216 **Flammula**—Sweet-scented, white flowers. Per pkt 10c.

217 **Jackmanii**—Rapid climber, with intense deep violet purple flowers of large size. Pkt 10c.

218 **Paniculata** (*Japanese Virgin's Bower*)—This is one of the few really good hardy climbers, and has so many merits, that we have decided to bring it prominently to the notice of our customers. Unlike other sorts, it grows easily from seed, and sown early will flower the first year. The leaves are of a bright, glossy green, it is never troubled with insect pests, and when in bloom astonishes with the quantity of flowers, being completely hidden beneath a blanket of white hawthorne-scented blossoms. Pkt 10c, 3 pkts 25c.

CLINTONIA

219 **Pulchella** — Elegant, tiny, half-hardy annual, 6 to 8 inches high, sky-blue flowers, with white centre. Best grown in pots or in hanging baskets. Pkt 10c.

CERASTIUM (Snow in Summer)

220 **Beibersteini**—One of the prettiest hardy perennial plants ever known for bedding out or ribboning, being of dwarf growth, densely branching with leaves covered with a cottony down of snowy whiteness, and producing a profusion of elegant white flowers, 6 inches high. Per pkt 10c.

CLIANTHUS (Dampieri)

(Glory Pea of Australia)

221 A splendid half-hardy shrub 2 feet high, with large, rich, crimson-shaded clusters of pea flowers, shaped like parrot bills. If sown early will flower outdoors the first year. Pkt 15c.

COBÆA

Elegant rapid-growing climbers, 20 to 30 feet high, that can be grown in the greenhouse or conservatory, or in the garden in summer, where from their luxuriance they are particularly desirable for covering arbors, walls, etc. Flowers large and bell-shaped.

222 **Scandens**—Large bell-shaped, purple flowers. Per pkt. 10c, ½ oz. 20c.

223 **Scandens Alba**—Pure white. Per pkt 10c.

Chrysanthemum Single Mixed. Pkt 5c.

Cobœa Scandens. Pkt 10c.

Centaurea Imperialis. Pkt 10c.
(Royal Sweet Sultan)

CENTAUREA

(Corn Flower or Bachelor's Button)

Showy, free flowering, hardy annuals, succeeding well in any kind of soil.

224 **Centaurea Imperialis** (Royal Sweet Sultan)—This new Centaurea, a cross between C. Moschata and C. Marguerite, represents the best that has been produced in these beautiful summer blooming plants. The bushes are about 4 feet high, of enormous dimensions, and are covered with large, beautiful flowers of the form and fragrance of Centaurea Marguerite. The flowers will keep for over a week in water if cut just when they are about to open. Mixed colors. Pkt **10c, 3 for 25c.**

225 **Marguerite**—The handsomest Centaurea known and should be planted in every garden. The plants grow about fifteen inches high and are of the easiest culture. The flowers are of the purest white, exquisitely fragrant, and are produced in great abundance. Having long stems, it is valuable both as a cut flower and for decorative purposes. Pkt **10c, 3 for 25c.**

226 **Odorata Chameleon**—Its flowers are large, sweet-scented, and of a pale sulphur-yellow, changing gradually into creamy white with purple shadings and again into pink. Pkt **10c, 3 for 25c.**

227 **Odorata** (Mixed)—Habit same as the preceding. Pkt **10c.**

228 **AMERICANA**—Lilac flowers, 3 feet high. Pkt **5c.**

229 **Depressa**—Deep blue flowers, one foot high. Pkt **5c.**

Centaurea Cyanus, Cornflower. Pkt 5c.

230 **Double**—In addition to the *doubleness* of the flower, this strain contains a number of new shades. Pkt **5c.**

231 **Cyanus** (Blue Bottle) — Different colors, mixed, 2 feet high. Pkt **5c.**

232 **Suaveolens** (Sweet Sultan) — Bright golden yellow flowers, height 1½ feet. Pkt **5c.**

DUSTY MILLER—White leaved. The following are beautiful hardy perennial plants with silvery leaves of dwarf growth, useful for bedding, and treated as annuals if sowed early in the spring.

233 **Candidissima, Compacta**—Pkt 10c, 1,000 seeds **50c.**

234 **Gymnocarpa**—Pkt 10c, 1,000 seeds **50c.**

COCCINEA INDICA

235 This is a remarkably pretty climber, foliage ivy-like, bright and luxuriant, never troubled with insects, and admirably adapted for trelises, arbors, etc. The small flowers are soon followed by numerous fruits two inches long, which turn to brilliant scarlet spotted with white. Half-hardy perennial—10 feet. Pkt **10c.**

COLEUS

236 **Hybridus**—Beautiful ornamental foliage plants both for hot-house and bedding out during the summer; the broad oblong leaves being of a deep, crimson brown color, edged with green, yellow or salmon color, or mottled in a most picturesque manner. **Simmers' finest mixture.** Pkt 25c.

Coleus

Dwarf Cockscomb

COCKSCOMB (or Celosia)

Splendid half-hardy annuals, generally known. To grow them to perfection they should be planted in the richest compost, in a sheltered position.

237 **Cristata, Giant**—Mixed colors. Pkt **10c.**

238 **Dwarf**—Mixed colors. Pkt **5c.**

239 **President Thiers, Glasgow Prize or Tom Thumb**—A fine dwarf variety, with dark leaves and crimson combs. Pkt **10c, 3 for 25c.**

240 **Japonica (Japanese Cockscomb)**—Plants 2½ feet in height, dark red foliage and stem, purplish scarlet head. Pkt **10c.**

241 **Thompson's Superb** (*Triomphe de l' Exposition*)—Pyramidal in growth, attaining a height of a little more than two feet, and producing beautiful large spikes of the most brilliant crimson. In sunlight the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. Pkt **10c.**

242 **Feathered or Ostrich Plume, Mixed**—This feathered Celosia produces very large plumes which are exquisitely curved and curled in exact resemblance of an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form. Pkt **10c.**

243 **"Golden Yellow" Branched Cockscomb** (*Celosia Japonica aurea*)—A pyramidal branched plant about 2 feet high, each branch being surmounted with finely ruffled comb. bright golden yellow. Pkt **10c.**

COLUMBINE (See Aquilegia)

COLLINSIA

244 **Bicolor, Mixed**—Very neat hardy annuals, foot high, growing in any light soil. Flowers purple, lilac and white spotted. Pkt **5c.**

COMMELINA

245 **Cœlestis**—A pretty biennial of easy culture and of low growth, flowers bright sky-blue. Pkt **5c.**

COSMOS

246 **Early Flowering Mixed**—Seed sown in the open ground in the beginning of May, will produce blooming plants in August, and they will continue to flower until late in fall. We know of no single flower that is as handsome and chaste as the Cosmos, while for keeping qualities when cut, they are unexcelled. Pkt **10c, 3 for 25c.**

Early Cosmos

247 **Early Yellow Cosmos**—Flowers sulphur yellow, from 1 to 1½ inches in diameter, the plants attaining a height of about two feet. Pkt **10c.**

248 **Dawn, Early Dwarf, Large-Flowering**—More bushy and compact than the older varieties, and grows only about four feet, while all others attain a height of six to seven feet. The flowers are fully as large as those of the old sort, pure white with a tinge of rose. They commence to bloom in July and last until frost. Pkt **10c.**

249 **Pure White "Pearl"**—Pkt 10c.

COLLOMIA

250 **Coccinea**—Hardy annual, about 18 inches high, scarlet flowers neat in bouquets, grown in any light soil. Pkt **5c.**

CONVOLVULUS (Dwarf Morning Glory)

Very popular hardy training annuals, flowering in different shades of brilliant blue and purple, with white centre, until late in autumn.

251 **Minor Mixed**—They are covered with flowers from June until late in fall. The only annual that equals it in freedom of bloom is the Godetia. The flowers are about the same size and shape as the tall or climbing Morning Glory. Many colors mixed. Pkt **5c,** oz **20c.**

252 **Double Flowering**—Flowers variegated, semi-double, but not very constant from seed. Pkt **5c.**

253 **Mauritanicus**—A hardy trailing perennial, sky-blue flowers. 1½ inch diameter. Pkt 10c

Dwarf Morning Glory

COWSLIP

254 **Primula Veris**—A well-known, hardy, early-flowering perennial, appropriate for edging borders; flowers bright yellow and fragrant. Pkt 5c.

255 **Giant American Cowslip** (*Dodocatheon Clevelandi*)—It throws up stems of flowers fully one foot high, each surmounted by 6 to 10 large, beautiful cyclamen-like flowers of violet blue, with yellow and black centre. It is perfectly hardy and beautiful plant for partially shaded situations. Pkt 25c.

CUCUMIS

256 **Flexuosis** (Snake Cucumber)—Fruit resembling a long green snake, upwards of seven feet in length, a great curiosity. Pkt 5c.

257 **Perennis, or Perennial Gourd**—A rapid growing, half-hardy perennial climber, handsome fruit. Pkt 10c.

Cyclamen Persicum Giganteum Pkt 10c.

CUPHEA (Cigar Plant)

Remarkable for their beauty, freedom of blossom, and ornamental appearance both in the greenhouse and in the arbor; admirably adapted for pot culture for blooming in winter.

258 **Platycentra** (Cigar Flower)—One foot high; intense scarlet flowers. Pkt 10c.

259 **Rœzlii**—Three feet high; brilliant scarlet flowers, blooming in winter. Pkt 10c.

CYCLAMEN

A graceful tuberous greenhouse or parlor plant with beautiful deep pink or white fragrant flowers.

260 **Persicum Giganteum**—Williams' white violet purple eye. Pkt 15c.
261 " " Rose ..... Pkt 15c.
262 " " Dark red ..... Pkt 15c.
263 " " White ..... Pkt 15c.
264 " " Mixed ..... Pkt 15c.

CYCLANTHERA

265 **Explodens**—Fast growing, hardy annual climber, fringed foliage, oval-shaped fruit. Pkt 5c.

Simmers' Mammoth Daisies. Pkt 10c.

CYPERUS (Umbrella Plant)

266 **Alternifolius**—A handsome foliage plant for the greenhouse or open ground: resembles an open umbrella frame. Pkt 10c.

CYPRESS VINE (Ipomœa)

267 **Cypress Vine** (*Imponœa quamoclit*)—A beautiful scarlet or white flowering climber. Pkt 5c.

DAHLIAS FROM SEED

It is strange how few people know that Dahlias can be raised from seed and bloom the first year. The seed we offer is saved from the choicest varieties only, and if sown early will bloom profusely all summer.

268 **Double Cactus, Mixed**—The flowers are double and in a large variety of handsome and rich colors. A very early-blooming race. Pkt 10c, 3 for 25c.

269 **Best Double Mixed**—Pkt 10c, 3 for 25c.

270 **Dwarf or Liliput Mixed**—Pkt 10c.

271 **Single Mixed**—Pkt 10c.

☞ *For DAHLIA ROOTS see under Bulbs.*

Dahlia Double Cactus Mixed. Pkt 10c.

DIDISCUS

272 **Cœruleus**—A half-hardy annual, 2 feet high, delicately formed foliage and sky-blue in umbels, very useful in bouquets. Pkt 5c.

DIELYTRA

273 **Spectabilis** (Bleeding Heart)—A beautiful hardy perennial, 2 to 3 feet high, feathered foliage, flowers lovely pink, drooping, heart-shaped, in numbers on slender stems. Pkt 10c.

DOLICHOS (Egyptian or Hyacinthe Bean)

274 **Giganteus**—A favorite hardy annual climber, of rapid growth, bearing large clusters of showy, fragrant flowers, the seed pods in form of beans, deep purplish-blue colored. Pkt 5c.

DICTAMNUS

Very pretty, hardy perennials; the leaves have a pleasant smell like lemon peel when rubbed.

281 **Fraxinella, or Gas Plant**—The ordinary purplish pink form, while not showy, is stately, and the white variety is really handsome. It has strong, fresh, pleasant lemon perfume, particularly so when you rub the flowers. Pkt 10c.

282 **Fraxinella, Alba**—White flowers. Pkt 5c.

DIGITALIS (Fox Glove or Witch's Finger)

Well-known, showy, tall, hardy perennials, with large spikes of beautiful bell-shaped flowers in different shades of purple and pink and white, height about 3 feet.

283 **Monstrosa Purpurea** (Mammoth Foxglove)—The largest and best type, all colors, mixed. Pkt 5c.

284 **Gloxinæflora**—Large flower spikes, beautifully spotted, mixed. Pkt 10c.

DATURA (Trumpet Flower)

This genius forms part of our most showy plants both with respect to flower and foliage; flowers are trumpet shaped, almost six inches in length and very fragrant, they are half-hardy annuals.

285 **Double Golden Queen**—Large double flowers of a deep golden yellow, delightfully fragrant. Pkt 5c.

286 **Fastuosa Huberniana**—Mixed from large double flowers of various colors. Pkt 5c.

287 **Arborea Simplex** (*Brugmansia*)—Large, single, trumpet-shaped, white fragrant flowers, about 12 inches long; plant out in May. Pkt 10c.

288 **Cornucopia** (Horn of Plenty)—The plant is of robust habit, with thick brownish-purple, shining stems; branches spreading 3 or 4 feet with dark green large leaves. The grand trumpet-shaped flowers measure 7 to 9 inches in length, and 4 to 6 inches across, and are formed of *three distinct trumpet flowers, growing each within the other;* the mouth of the corilla is a delicate white, while the outside is richly marbled with purple. Pkt 10c, 3 pkts 25c.

Digitalis or Foxglove. Pkt 5c.

DRACENA OR CLUB PLANT

Palm-like plants, indispensable for decoration.

275 **Indivisa**—Grows easily from seed. Pkt 10c.

DRACOCEPHALUM (Dragon's Head)

276 **Molydavicum**—Annual, 2 feet high, blue flowers. Desirable hardy annual plants of low growth, of quite an agreeable fragrance, easily grown from seed. Pkt 5c.

DOUBLE DAISY (Bellis Perennis)

The double German Daisy is one of the prettiest dwarf hardy perennials in cultivation. It flowers the first year from being sown; seeds from the finest double sorts.

277 **Simmers' Mammoth Mixed.** Pkt 10c.

278 **Pure White**—Double; valuable for florists. Pkt 10c.

229 **Longfellow**—Fine large flowering, dark rose flowers. Pkt 10c.

280 **Snowball**—A sport of that charming variety Longfellow which possesses the good qualities of its parents; long stem, free bloom and large double flowers, about 80 per cent. of which are extremely large and snowy white, justifying its name. Pkt 10c.

Datura, Cornucopia. Pkt 10c

Dianthus Laciniatus, fl. pl., Pkt. 10c.

Dianthus Heddewigii, fl. pl., or Double Japan Pink. Pkt 5c.

Dianthus Crimson Belle and Eastern Queen. Pkt each 10c.

DELPHINIUM (Larkspur)

All Larkspurs, whether of hardy annual or hardy perennial nature, are remarkable for their great beauty, diversity of shades and high decorative qualities. They also differ greatly in their habit of growth, some producing magnificent spikes of flowers, others again being dwarf and completely covered with flowers. Sow the seed early and they bloom freely the first year.

289 **Double Rocket (Ajacis, fl., pl.)**—Two feet high, with long spikes of various shaped flowers. Pkt 5c, oz 40c.

290 **Double Hyacinth Flowered**—1½ feet high, more compact in growth, flowers as fine as the preceding. Pkt 5c.

291 **Emperor**—Of symmetrical bushy habit, with a profusion of brilliant dark blue, red-striped and tri-colored flowers. Pkt 5c.

292 **Double Stock flowered**—The flowers, of a fiery carmine, are of great effect, and their principal merit consists in keeping their bright color even in a dry state. Pkt 10c.

293 **Consolida Candelabrum, fl. pl.**—Double branching, of compact, branching pyramidal growth, 1 foot high; flowers in many colors; appearing in abundance in a candelabra-like outline. Pkt 10c.

HARDY PERENNIAL VARIETIES

294 **Cashmerianum**—A beautiful dark blue; blooms in corymbs of six or more; 15 inches. Pkt 10c.

295 **Zalil** (*Hardy Yellow Larkspur*)—Sulphur yellow, plant of branching habit, bearing spikes of 40 to 50 blossoms, each one inch in diameter, flowering from June until August, 3 to 4 feet. Pkt 10c.

296 **Formosum**—Two feet high; flowers in large spikes of exquisite blue and white. Pkt 5c.

297 **Pillar of Beauty**—(*D. formosum cœlestinum*)—An unusually pretty color—a delicate azure or sky blue, so bright and pretty a shade that it has to be seen to be appreciated. Pkt 10c.

298 **Nudicaule**—Of dwarf compact growth, producing flowers varying in color from light scarlet to crimson. Pkt 10c.

299 **Sinense**—Two feet high, flowering in loose clusters, sky blue, white or pink; excellent for bouquets. Pkt 5.

DIANTHUS—PINKS

A magnificent genus, combining some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials and Japanese varieties bloom the first season, the same as hardy annuals, height 1 foot. The hardy perennial varieties are very fragrant and of easy culture in the garden or greenhouse.

SINGLE ANNUAL VARIETIES

300 **Crimson Belle**—Very fine, large rich crimson flowers. Pkt 10c.

301 **Eastern Queen**—Beautifully marbled, with broad bands of reddish lake upon petals. Most valuable. Pkt 10c.

302 **Salmon Queen**—Its flowers are of a very distinct and perfectly new tint in this class. They are of the most brilliant salmon color imaginable, changing into a salmony-rose when fading. The flowers are well formed and nicely fringed. Pkt 10c, 3 pkts for 25c.

DOUBLE ANNUAL VARIETIES

303 **Imperialis, fl. pl.** (Double Imperial Pink)—About six inches high, in great variety of shades. Pkt 5c, oz 60c.

304 **Chinensis, fl. pl.** (Double China or Indian Pink)—About 12 inches high, of robust growth, extra double flowers, in great variety. Pkt 5c., oz 50c.

305 **White Frill or Mourning Cloak**—Double flowers of large size, rich and unique colors; rich purple maroon, almost velvet black, and sharply edged with clear white, making a striking and beautiful contrast. Pkt 10c.

306 **Coronatus, fl. pl.**—Carnation striped, double China Pink. Pkt 10c.

307 **Heddewigii Hybridus, fl. pl.** (Japan Pink)—Robust, growing exceedingly large, distinct showy flowers. Pkt 5c.

308 **Heddewigii Double White**—Very large double white flowers. Pkt 10c.

309 **Heddewigii Diadematus, fl. pl.** (Double Diadem Japan Pink)—Extremely double, large flowering, beautiful shades. Pkt 10c.

310 **Laciniatus, fl. pl.**—Very large double fringed flowers. Pkt 10c.

HARDY PERENNIAL VARIETIES

311 **Barbatus (Single Sweet William)**—One foot high, fine variety of colors, single mixed. Pkt 5c.

312 **Barbatus, fl. pl.—Double Flowering Sweet William**—Brilliant variety mixed. Pkt 10c.

313 **Plumarius, fl. pl.**—Double flowered, pheasant-eyed, pink, exquisitely fragrant. Pkt 10c.

314 **Superbus Nanus**—Double white dwarf, an excellent and profitable variety for florists and for bedding out. Pkt 10c.

315 **Collection**—Ten distinct varieties of Dianthus, 75c.

ECHEVERIA

316 **Metallica**—A dwarf, succulent greenhouse perennial, for bedding out during summer with broad bronze fleshy leaves. Pkt 25c

Perennial Larkspur

Annual Larkspur

Single Sweet William. Pkt 5c.

Double Sweet William. Pkt 10c.

HELICHRYSUM (Everlasting)

Per pkt

317 **Golden Ball**—1 ft. high, bright yellow flowers 5
318 **Snowball**—White flowers 5
319 **Fireball**—Scarlet flowers 5
320 **Dwarf Mixed**—(*Compositum minimum*)—Quite distinct 5
321 **Tall Double Mixed** (*Monstrosum fl. pl.*) 3 ft high 5

ESCHSCHOLTZIA (California Poppy)

Very showy hardy annual flowering abundantly until very late in autumn similar to poppies, of dwarf growth, succeeding in any soil.

322 **California**—Orange 5
323 **Rose** colored 5
324 **—White** 5
325 **—Mandarin**—Brilliant scarlet, distinct 5

ECCREMOCARPUS (Calampelis)

326 **—Scaber**—A rapid-growing tender annual, with pretty foliage and clusters of handsome scarlet flowers 10

ERYTHRINA (Coral Plant)

327 **Crysta Galli**—An ornamental, half hardy perennial shrub, fine for outdoor summer decoration, with beautiful foliage and superb spikes of scarlet pea-shaped flowers; 5 ft high 10

EUPHORBIA (Snow-on-the-Mountain)

Per pkt

328 **Variegata**—Half-hardy annual, 1½ ft high, showy, excellent for borders 10
329 **Heterophylia**—(The georgeous Annual Poinsettia). "Mexican Fire Plant," or "Fire-on-the-Mountain." 3 pkts for 25c 10

EVERLASTINGS, MIXED

330 A single packet will supply a great variety of the most attractive Everlasting Flowers. No more welcome present can be given to a visitor than some of these imperishable flowers. 3 pkts for 25c 10
Everlasting Pea (See Lathyrus).
Evening Primrose (See Œnothera).

FERNS

331 To raise them from seed is very interesting; full directions are printed on the packages. A choice mixture of hardy kinds 15
Collection of Ferns—Twelve varieties $1.50.
Feverfews (See Matricaria). **Four O'Clocks** (See Marvel of Peru).

FRAGARIA

332 **Indica** (*Indian Strawberry*)—A yellow-flowering, half-hardy, perennial, producing pretty scarlet but tasteless fruit in succession almost during the whole year; a desirable plant for hanging baskets 10

FREESIA

333 **Refracta Alba**—Very easily grown bulbs, which can be readily produced from seed. The flowers are pure white with yellow throat and exquisitely fragrant. Three pkts 25c, or 10

FORGET-ME-NOT

Charming little hardy perennial plants, with an abundance of star-like little flowers, well adapted for small beds, hanging baskets and rockeries. Pkt

334 **Alpine** (*Myosotis alpestris*)—4ins. high, delicate sky-blue 5
335 **Victoria**—The flowers are large and of a bright azure blue with yellow centres. The plants form neat bushes completely covered with flowers; a valuable variety for cut flowers and pot culture 10
336 **Semperflorens**—A charming dwarf Forget-me-not, continuing in bloom from early spring until autumn; blue; 8 inches 10
337 **Compact Blue**—9 in. high 10
338 **Dark Blue** (*azorica*)—Flowers half an inch across; rich turquoise blue, without eye 10
339 **White Flowering** 10
340 **Clear Blue** (*dissitiflora*)—One of the best of all the Forget-me-nots. It is of a remarkably compact habit, profuse bloomer, having the appearance, when in full flower, of a sheet of exquisite blue 10
341 **Palustris**—Beautiful blue flowers, 1 ft., suitable for swamp ground 5

FUCHSIA

342 (Lady's Ear Drop). A pre-eminently beautiful popular greenhouse or parlor plant. Variegated mixed 25

GERANIUM

343 **Zonale**—Scarlet sorts mixed 10
344 **Double, Mixed**—This seed will produce a large percentage of double flowers of extra fine colors 25
345 **Apple-Scented**—This fragrant variety can only be grown from seed to form fine plants 15
346 **Pelargonium, Mixed**—From fancy and spotted varieties 25

For the convenience of those who are not familiar with botanical names we give an index of Common or English names of Flowers of which we offer seed in this Catalogue. The same will be found in our book "Hints on Growing Flowers."

Gaillardia Picta Lorenziana

Eschscholtzia

GILIA Hardy annual; very free flowering; suitable for sowing in masses

Per pkt

347 **Achillæfolia Rosea**—2 ft. high, rosy flowers 5
348 **Capitata**—2 ft., sky blue 5
349 **Tricolor**—1 ft., white, lilac and purple 5

GAILLARDIA Truly elegant, half-hardy biennial plants, flowering the first year, or hardy perennials of dwarf habit and flowers of two or three striking colors, in form of Cockades.

350 **Picta Grandiflora**—The largest flowering variety of these popular annuals, very showy, many colors mixed 10
351 **Picta Lorenziana**—The ray and disc flowers of this new variety develop into tubular funnel-shaped florets one above another 10
352 **Hybrida Maxima**—These are the choicest of hardy perennials; flowers are large, numerous, excellent for cutting, and of brilliant shades of orange, crimson, scarlet, and vermillion, and very often a combination of all these colors in one flower, many colors mixed. 10

GAMOLEPIS

353 **Tagetes Pumila**—Half-hardy annual, 1 ft., feathered foliage and dark yellow flowers 10

GENTIANA

354 **Acaulis**—Short-stemmed, hardy perennials, much used for edging; flowers dark blue 10

(*GLADIOLUS BULBS ARE OFFERED ON PAGE* 71)

GLAUCIUM (Horn Poppy)

355 **Corniculatum**—Ornamental, hardy, robust, perennial foliage plants, bordering 10

GLOBE AMARANTHUS (Gomphrena Globosa) Handsome favorite

hardy everlasting annuals, flowering freely the whole summer.

356 **Bright Purple**—Flowers 18 in. high 5
357 **White** 5
358 **Variegated** 5
359 **Orange Yellow** 5

GLOXINIA (Hybrida Crassiflora)

Bulbous-rooted plants, producing in great profusion during summer months large bell-shaped flowers of the richest and most beautiful variety of brilliant colors. The bulbs must be kept warm and dry during the winter; 1 foot.

358 **Grandiflora, with erect flowers**—A mixture of the finest spotted and blotched varieties. Pkt 25c.

Gloxinia Bulbs, splendid large flowering bulbs, sure to produce first-class bloom. Price per bulb, 15c, 4 for 50c, doz. $1.50, postpaid.

GREVILLEA (Silk Oak)

359 **Robusta**—Very beautiful and graceful foliage; highly valued as a decorative plant for table and tropical lawn effects, tender perennial, 3 to 5 ft. Pkt 10c.

Gloxinia Grandiflora, with erect flowers

GODETIA Ornamental hardy annuals, 2 feet, various shades of lilac and purple.

360 **Insignis**—Large flowered, mixed 5
361 **Lady Albermarle**—Crimson, edges of the petals suffused with pale lilac, dwarf 5
362 **Lady Satin Rose**—Unequalled for brilliancy and richness of colors. The flowers are of a brilliant deep rosy pink, the surface shining like satin 5

GOLDEN FEATHER (See Pyrethrum).

GRASSES—ORNAMENTAL

363 **Briza Maxima** 5
364 **Bromus Brizaeformis** (Brome Grass) 5
365 **Coix Lachrymae** (Job's Tears) 10
366 **Gynerium Argenteum** (Pampas Grass) 10
367 **Lagurus, Ovatus** (Hare's Tail Grass) 5
368 **Stipa Penata** (Feather Grass) 10
369 **Ornamental Grasses—Mixture** 10

Ornamental Gourds

GOURDS (Ornamental)

370 **Angora**—The foliage is dense and the fruits are spotted white of the most curious shapes and colors. They are very desirable. Pkt 5c.
371 **Flat Corsican**—Fruit in form of flat bottles. Pkt 5c.
372 **Dipper or Syphon**—Pkt 5c.
373 **Herculean Club**—Fruit like large clubs. Pkt 5c.
374 **Bottle**—Pkt 5c.
375 **Orange**—Pkt 5c.
376 **Pear**—Pkt 5c.
377 **Striped Flat**—Green striped, very pretty. Pkt 5c.
378 **Nest Egg**—Pkt 10c.
379 **Serpent**—Fruit 5 to 6 feet in length, which when ripe becomes a brilliant carmine color. Pkt 10c.
380 **Mixture** of the above. Pkt 5c.

Customers' Selection of 6 Pkts 25c.

GYPSOPHILA

Hardy annuals or perennial plants, producing multitudes of tiny white flowers, extremely neat in bouquets.

381 **Elegans, Mixed** — Annual, 2 feet high. Pkt 5c.

382 **Paniculata** — White, fine for bouquets, perennial. Pkt 5c.

HELIANTHUS or SUNFLOWER

383 **Nanus, fl. pl.**—Dwarf variety, about 2½ feet high, flowers very double, rich golden yellow, 5 to 7 inches across. Pkt 5c, oz 20c.

384 **Annuus, fl. pl.**—Tall, large and very double. Pkt 5c, oz 20c.

385 **Ever-Blooming "Stella"**—This new annual 3 to 4 feet high, produces its flowers in the greatest abundance all through the summer till late in the fall. They are 2½ to 3 inches across, borne on long stems, purest golden yellow with a black disc. Pkt 10c.

386 **Cucumerifolius, Miniature Sunflower** — Small flowered, dwarf, single sunflower, rich yellow, an abundant bloomer. Pkt 5c.

387 **Oculatus, fl. pl.**—Very double, tall, yellow, green centre. Pkt 5c.

388 **Globosis Fistulosis**—Flowers from 12 to 15 inches in diameter, globular and extremely double, most effective of all annual Sunflowers. Pkt 5c, oz 10c, ¼ lb 25c.

389 **Multiflorus**—Hardy perennial, 5 to 6 feet high. Pkt 5c.

390 **Mammoth Russian**—As the name implies of gigantic dimensions both of flowers and stalk; seeds are used largely for chicken feed. Pkt 5c, ¼ lb 10c, lb 25c.

Heliotropium Peruvianum. Pkt 10c.

HELIOTROPE

391 **Lemoine's Giant Hybrids**—Their fragrance is delicious and powerful. The colors are from pure white through all shades of violet and blue to deep indigo. Per pkt 10c, 3 pkts or 25c.

392 **Peruvianum** — Popular indoor or greenhouse plant of low growth and deliciously fragrant purplish-blue or lilac trusses of delicate flowers. Mixed. Pkt 10c.

HELIPTERUM

393 **Sandfordii**—Pretty dwarf everlastings, with bright yellow flowers. Half hardy annual. Pkt 10c.

HIBISCUS

A hardy free flowering annual, 2 feet high, straw colored flowers, with prominent dark spots at the base, very desirable for mixed bed of flowers.

394 **Africanus**—(Calisureus). Pkt 5c.

395 **Syriacus** — (*Double Rose of Sharon*)—White and purple. Pkt 10c.

396 **Crimson Eye** — Pure white, with a large spot of velvety crimson in the centre of each flower; hardy perennial. Pkt 10c.

Tall Double Sunflower. Pkt 10c.

HESPERIS or ROCKET

(Dame's Violet)

397 **Matronalis** — Popular hardy, fragrant flowering, perennial, 2 feet high. Mixed colors. Pkt 5c.

HOPS

398 **Hops**—The old standard variety. Pkt. 5c.

399 **Japanese Variegated**—The first color is bright deep green distinctly marked and blotched with silvery white tinged with yellow; now and then a leaf will be almost snowy-white, and another one not far away, almost green. Pkt 10c, 3 for 25c.

400 **Humulus Japonicus**—Green-leaved Japanese hop. Pkt 5c.

HONESTY

401 **Lunaria Rediviva**—Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments. 2 feet high. Pkt 10c.

HUMEA

402 **Elegans**—Red, 3 feet high. A remarkably handsome plant, invaluable for decorative purposes; in the centre of beds it is most effective; half-hardy biennial. Pkt 10c.

HUNNEMANNIA FUMARIÆFOLIA

403 **Bush Escholtzia** (Yellow Tulip Poppy)—The plants grow into a shrubbery bush, 2 feet high, and produce large cup-shaped flowers 3 inches across on stems, 12 inches long. The color is of clear, bright yellow, the petals are broad and crinkled, like crushed satin. The flowers keep in water for two weeks. Pkt 10c.

ICE PLANT

A pretty little trailing plant, the leaves of which are covered with crystalline globules; half-hardy annual.

404 **Mesembryanthemum Crystallinum**—Ice Plant. Pkt 5c.
405 **Tricolorum**—Dew or wax plant. Small pink flowers. Pkt 5c.
406 **Cordifolium**—Large rosy purple flowers, good for hanging baskets, heart-shaped variegated leaves. Pkt 5c.

IMPOMŒA—(See Morning Glory and Cypress Vine).

IMPATIENS SULTANA

407 **Zanzibar or Sultan's Balsam**—Planted in open ground in June, it grows luxuriantly, flowers with the greatest profusion. Brilliant rosy scarlet. Pkt 15c.

IPOMOPSIS

(Standing Cypress)—Stems 2 feet high. Remarkably handsome, free flowering, half-hardy biennials for indoors, flowering the second year in different tints of bright orange scarlet.

408 **Elegans**—Mixed Pkt 5c.

KALANCHOE CARNEA

409 This beautiful decorative plant attains a height of about 18 inches and is of good bushy habit. The pink flowers are of wax-like consistency, last a long time in perfection and are deliciously fragrant. Pkt 20c.

KAULFUSSIA

410 **Ameloides**—A pretty dwarf hardy annual, 6 inches high, dark purple, daisy-like flowers, desirable for early summer flower beds. Pkt 5c.

KOCHIA

411 **Scoparia** (Belvidere, or Summer Cypress)—Rapid growing, graceful plants for mixed borders. Yellow, hardy annuals, 3 ft. Pkt 10c.

LANTANA

412 **Hybrida**—Fine mixed. A rapid growing indoor shrub, for bedding during summer, 3 feet; flowers in heads of yellow, pink, orange or changeable colors. Pkt 5c.

LARKSPUR (See Delphinium).

LAVATERA

413 **Hybrida**—Handsome, free flowering, upright growing hardy annual, of the Mallow tribe. crimson rose flowers. Pkt 5c.

LAVENDER

414 A hardy plant, bearing spikes of blue flowers, which are cut and dried for their fragrance; perennials from 1 to 2 feet. Pkt 5c.

LAYIA

415 **Elegans**—A pretty and attractive little hardy annual, for cut flowers purposes. The rays of the flower heads are bright yellow with white tips. Pkt 10c.

LEMON VERBENA (See Aloysia).

Lily of the Valley 416 (*Convallaria*) 10c.

Hunnemannia or Yellow Tulip Poppy Pkt 10c.

Japanese Variegated Hop Pkt 10c, 3 for 25c.

Lantana Hybrida

HOLLYHOCKS

(Althaea Rosea)

One of our grandest summer and autumn flowering plants, bearing long spikes of double flowers, 3 to 4 inches across. Hardy biennials, 5 to 8 feet high. The seed we offer has been saved from our unrivalled collection of choicest improved double varieties.

417 **CHATER'S EXTRA DOUBLE MIXED**—Most beautiful and true. Pkt 15c.

418 **Chater's Double White**—Extra strain of perfectly double pure white flowers. Pkt 10c.

419 **Chater's Double Yellow**—Comprising buff, straw color and orange shades. Pkt 10c.

420 **Chater's Bright Red**—Double. Pkt 10c.

421 **Chater's Bright Pink**—Double. Pkt 10c.

Chater's Extra Double Hollyhock. Pkt 15c.

Hollyhocks—Chater's Prize Collection, 12 distinct colors, 50 cents.

For Hollyhock plants to flower this year, see plant list.

LOBELIA

(Dwarf or Compact Varieties)

Little, round, compact plants fine for edgings, ribbon beds, etc., 4 to 6 inches high.

422 **Prima Donna**—A charming novelty; in habit dwarf and compact, rich, velvety, crimson maroon flowers. Pkt 10c, 3 for 25c.

423 **Crystal Palace**—Dark blue, fine for beds. Pkt 10c.

424 **White Gem**—Pure white, compact habit. Pkt 10c.

425 **Emperor William**—Blue, white eyes. Pkt 10c.

TRAILING VARIETIES

Branching plants for hanging over vases and baskets, 6 to 9 inches high.

426 **Gracilis**—Light blue, slender, trailing stems, grown for baskets. Pkt 5c.

427 **Erinus Grandiflora Stellata, or Paxtoniana**—Large blue flowers, white eye. Pkt 10c.

428 **Erinus Speciosa**—Large, free flowering, sky blue, white centre. Pkt 10c.

HARDY PERENNIAL VARIETIES

429 **Fulgens** (Queen Victoria)—Beautiful border plant, with brilliant scarlet flowers and metallic crimson foliage. Pkt 10c.

430 **Cardinalis**—Scarlet, native of Canada. Pkt 10c.

LIMNANTHES

431 **Douglassi**—Easily grown, free flowering, slightly fragrant plants, excellent for beds or edgings in damp, shady places; hardy annuals. Pkt 10c.

LINARIA

(Kenilworth Ivy)

Very pretty, hardy annual or perennial, trailing or low growing plants.

432 **Alpina**—Perennial, lilac shaded. Pkt 10c.

433 **Cymballaria**—(Kentucky or Kenilworth Ivy)—Perennial, purple and white. Pkt 10c.

434 **Hendersonii**—Annual, 1 foot high; lilac and yellow-shaded flowers. Pkt 5c.

Kenilworth Ivy. Pkt 10c.
(Linaria Cymballaria)

Flowering Flax. Pkt 5c.

LINUM (Flowering Flax)

Free flowering hardy annual or perennial plants.

435 **Grandiflorum Rubrum**—Crimson. Pkt 5c.

436 **Perenne**—Perennial blue. Pkt 5c.

LOPHOSPERMUM

437 **Scandens**—Exceedingly beautiful and highly ornamental genus of climbers, handsome showy foxglove-like flowers; half-hardy annual or biennial. Rosy purple flowers. Pkt 10c.

LOVE-IN-A-MIST (Devil-in-the-Bush)

438 **Nigella Damascena**—Popular hardy annuals of low growth handsome in bouquets. Blue white, mixed. Pkt 5c.

LUPINUS or LUPIN (Sun Dials)

Desirable plants for bedding and bouquets, long graceful flower spikes, richly colored flowers.

439 **Mixed Annual Varieties**—Pkt 5c.

440 **Mixed Perennial Varieties**—Pkt 5c.

LYCHNIS

Beautiful hardy, biennial and perennial plants, 3 feet high, remarkable, conspicuous heads of brilliant scarlet-shaded flowers.

441 **Chalcedonica**—Perennial, bright scarlet flowers. Pkt 5c.

442 **Grandiflora Gigantea**—A variety of the preceding of dwarf nature, and with many large flowers. Pkt 10c.

MALVA

443 **Moschata Alba**—(White Musk Scented Mallow)—An attractive garden plant; grown into a pyramidal bush; produces numerous white flowers size of a silver quarter. Thrives best in a warm situation. Pkt 10c.

MALOPE

A favorite hardy annual, 3 feet high, with large conspicuous flowers of the Mallow tribe.

444 **Grandiflora**—White and rose, mixed. Pkt 10c.

MARTYNIA

Handsome, tropical appearing annuals, for outdoor cultivation during summer, being raised indoors; 2 feet high, large leaves and trumpet-shaped flowers, producing curiously shaped seed pods, like horns.

445 **Formosa**—Mixed. Pkt 5c.

MARVEL OF PERU

(Four O'clock)

446 (*Mirabilis Jalappa*)—Beautiful half-hardy annuals; may be kept in cellar during winter and replanted every spring; 3 feet high; flowers are fragrant, especially in the evening. In many shades, mixed. Pkt 5c.

MARIGOLD

Popular hardy annual border plants of magnificent effect; varying in height, form and color of flowers, but always being showy, desirable border plants.

Dwarf Double French Marigold

447 **Eldorado, Tall** (Double African)—The handsomest of the Marigolds, its color ranging from palest yellow to the deepest orange; flowers large, almost round, and very double. Pkt 10c.

448 **Dwarf Double African**—1 foot high, orange color. Pkt 5c.

449 **Tall Double African**—2 feet high, orange color. Pkt 5c.

450 **Tall Striped Double French**—2 feet high, yellow flowers, with a broad stripe on each petal. Pkt 5c.

451 **Dwarf Double French**—1 foot high, flowers velvety brown, finely edged yellow. Pkt 5c.

452 **Gold Nugget, Double French**—Dwarf, dense growth, and immense double flowers, which are of a peculiar shade of golden yellow. Pkt 5c.

453 **Legion of Honor, French**—One of the prettiest and handsomest of the Marigolds. The plants grow 9 inches high, are insect and drought proof and will bloom from the middle of summer until late in fall. Flowers rich golden yellow marked with velvety brown. Pkt 10c.

MATHIOLA (Evening Scented Stock)

454 **Bicornis**—A desirable half-hardy annual, 1 foot high, bushy, with rosy lilac flowers of a delicious perfume, especially in the evening. Pkt 5c.

MATRICARIA (Feverfew)

Hardy perennials, flowering the first year, with daisy-like double white flowers, 1 foot high.

455 **Capensis, fl. pl.**—Known as Bridal Rose. Pkt 5c.

456 **Eximea Nana Aurea Crispa, fl. pl.**—Dwarf growing with golden yellow leaves exquisite for bordering. Pkt 10c.

MAURANDIA

457 **Maurandia, mixed**—The prettiest half-hardy climbing plants in cultivation, for trelises outdoors, or for greenhouse or parlor culture. Pkt 10c.

MELILOTUS

(Sweet Clover)

458 **Sauveolens**—Pkt 5c.

MELOTHRIA

459 **Punctata** (African Oak-leaved Climber)—A magnificent, rapid-growing, climbing annual. Flowers are succeeded by great numbers of blue-brown berries. Pkt 25c.

Lobelia, Crystal Palace Compacta. Pkt 10c.

Machet Mignonette. Pkt 10c.

MIGNONETTE

(Reseda Odorata)

Most popular fragrant flowering hardy annuals of trailing habit and graceful appearance; indispensable in every garden.

460 **Large Flowered**—sweet scented. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.25.

461 **Mile's Spiral**—Of dwarf habit, branching large flowered spikes. Pkt 10c.

462 **Parson's White**—Stamens white, flowers large and fragrant. Pkt 10c.

463 **Golden Queen**—An entirely distinct sort of dense pyramidal habit, with golden yellow flowers which give it a most attractive appearance. Pkt 5c.

464 **Compact Dwarf**—Of upright, compact, branchy growth, almost circular, with reddish tinted numerous flowers. Pkt 5c.

465 **Gabrielle**—New, red, very sweet, spikes very thick. Pkt 5c.

466 **Bird's Mammoth**—Under proper cultivation the spikes average 12 to 15 inches long, are very full and exceeding fragrant. Pkt 10c.

FIVE GIANT MIGNONETTES

467 **Bismark or Improved Machet**—The flowers are borne on long stems, high above the thick, dark green, somewhat corrugated foliage; the bushes do not exceed one foot in height, the flowers are of a reddish hue, and very sweet scented. Pkt 10c, 3 for 25c, oz 60c.

468 **Defiance**—When grown under favorable conditions and with proper care, its spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of large size and stand out boldly. Pkt 10c, 3 for 25c.

Large Flowered Sweet Scented Mignonette. Oz 15c.

469 **The Prize**—This is a very distinct variety the flowers being unusually large as well as remarkable for their beautiful color and delicious fragrance; flowers light red. Pkt 10c.

470 **Machet**—Vigorous dwarf pyramidal plants, very stout flower stalks, with numerous dark green leaves, terminating in long spikes of deliciously scented red flowers. Best for pot culture and valuable for borders. Pkt 10c, oz 70c.

471 **Giant Red, or Paris Market**—Its enormous flower spikes are of the largest size, the individual blossoms of an intense red color are very sweet scented. One of the best for cut flowers and pot culture. Pkt 10c.

MUSA ENSETE (Abyssinian Banana)

472 A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse. Tender perennial, 10 to 20 feet. Pkt of 5 seeds 25c.

MOONFLOWER

473 **Ipomœa Noctiflora**—Bears in the greatest profusion its lovely white flowers, 5 to 6 inches in diameter, with five-pointed star in the centre; flowers open at dusk or earlier on cloudy days; deliciously fragrant. Start early in the house and set out as early as safe in the spring. Pkt 10c.

Moonflower, or Evening Glory. Pkt 10c.

MIMULUS (Monkey Flower)

Extremely handsome, dwarf growing, half-hardy biennials, with delicate large beautifully tinted flowers, requiring shelter from the midday sun to bring them to perfection.

474 **Cupreus**—Spotted and blotched flowers on yellow ground. Pkt 5c.

475 **Simmer's Mammoth**—Unequalled for beautiful colors. Pkt 15c.

476 **The Emperor**—The flowers are remarkably rich and varied in color. Pkt 15c.

Mimulus Moschatus (*See Musk Plant.*)

Monkey Flower. (*Mimulus Cupreus.*) Pkt 5c.

MINA LOBATA

One of the handsomest climbers

477 A charming Mexican climber, which somewhat resembles the Cypress Vine, except in color and shape of flowers, which are tubular-shaped, borne on fork-like racemes. Seed must be sown early. Pkt 10c.

MOMORDICA (Balsam Apple

478 **Momordica Balsamina**—A trailing or low-climbing, half-hardy annual, the fleshy fruits, infused with sweet oil, being famous for curing wounds. Pkt 5c.

MUSK PLANT

479 **Musk** (*Mimulus Moschatus*)—This fragrant and universally favorite little plant is well known and is equally at home in sitting-room, green-house or garden, half-hardy perennial. ¾ feet. Pkt 5c.

Morning Glory (Ipomœa)

Magnificent hardy annual climbers, very free flowers, trumpet-shaped, rich shades.

480 **Morning Glories, all colors mixed**—Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c.

481 **Mexican Mixed**—Large flowering. Pkt 5c.

482 **Sky-Blue Mexican**—Splendid large flowering. Pkt 5c.

483 **Variegated Leaved**—With silvery white marbled leaves, distinct. Pkt 10c.

484 **Coccinea**—Scarlet, feathered leaves. Pkt 10c.

485 **"Heavenly Blue"**—Foliage very large, heart-shaped; flowers 4 to 6 inches across in large clusters, light blue with a yellow throat suffusing softly into blue. Also a splendid conservatory climber. Pkt 10c.

486 **Leari** "The Blue Dawn Flower"—Most beautiful, bearing clusters of the most lovely sky-blue flowers 5 to 6 inches across. Pkt 10c.

Morning Glories. Pkt 5c.

For the newer varieties of Morning Glory see Novelties.

NICOTIANA or TOBACCO PLANT

The following are very ornamental half-hardy annuals and are very desirable.

487 **Grandiflora Purpurea**—Large massive foliage, dark purple, red flowers. Pkt 5c.

488 **Affinis** (*Sweet-scented Tobacco Plant*)—Produces an abundance of large, pure white flowers that expand fully in the morning and evening, emitting a delicious fragrance. Pkt 10c.

NICOTIANA SYLVESTRIS

A superb garden annual of robust, branching habit, about 3 to 4 feet high; the foliage is large and luxuriant, of very dark green; the very long, pendent, tubular flowers of pure white are borne in circular clusters, on strong spikes away above the foliage. The flowers emit a very delicious perfume.

489 Pkt 10c, 3 pkts 25c.

NICOTIANA COLLOSSEA

Attains a height of 5 to 6 feet during one summer; immense leaves, at first rose and violet, afterward changing to deep green with red veins. An imposing foliage plant, giving an elegant tropical effect.

490 Pkt 10c, 3 pkts 25c.

Nicotiana Sylvestris

Simmers' Superb Nasturtiums

Tall, or Climbing Varieties

Elegant and luxuriant climbers for verandas, trellises, etc., bearing the gorgeous flowers in profusion until killed by frost. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed pods can be gathered while green and tender for pickling. 6 to 10 feet. (See cut.)

491 **Simmers' Special Mixture**—Variegated. Pkt 5c, oz 10c, 2 oz 20c, ¼ lb 30c, lb $1.00.
492 **Yellow**—Very fine. Pkt 5c, oz 15c.
493 **Dark Brown**—Tall. Pkt 5c, oz 15c.
494 **Hemisphæricum**—Fine, tall, scarlet. Pkt 5c, oz 15c.
495 **Edward Otto**—Brownish lilac.
496 **Golden Leaved Scarlet.**
497 **Heinemanni**—Silky bronze chocolate.
498 **Moltke**—Bluish pink.
499 **Pearl**—Creamy White.
500 **Prince Henry**—Cream color, spotted red.
501 **Regelianum**—Purple violet
502 **Scheuermanni (straw color)**—Striped yellow and crimson.
503 **Schillingi**—Bright yellow, maroon blotches.
504 **Vesuvius**—Brilliant, fiery rose, very effective.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 15c, 2 oz 25c, ¼ lb 40c.

Tall or Climbing Nasturtium

Hybrids of Madame Gunther

505 There have already been produced twenty-two different colors or combination of colors in these new hybrids, including various shades of rose, salmon, bright red, pale yellow, etc., either self-colored or spotted, mottled, striped and marginal. For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, etc., nothing can equal the gorgeous effect produced by their marvellous quantities of bloom borne in uninterrupted splendour from early summer until cut down by frost. Their case of culture, the rapidity of growth, luxuriant and dense, to a height of 12 to 15 feet are wonderful.

Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.50.

Hybrids of Madame Gunther Nasturtium

LOBBS' CLIMBING NASTURTIUMS

Trapæolum Lobbianum

The brilliance and profusion in blooming of the Lobbianum varieties render them superior for trellises, arbors and vases, etc., also for greenhouse or conservatory decoration in winter; annuals, 6 to 10 feet.

506 **Asa Gray**—Primrose yellow.
507 **Brilliant**—Dark scarlet.
508 **Chaixianum**—Yellow, spotted red.
509 **Giant of Battles**—Sulphur with dark red blotches.
510 **King of the Blacks** (Roi des noirs)—Black maroon.
511 **Lobbi Mutabile**—Tall, with bright scarlet flowers.
512 **Mercier Lacombe**—Dark purplish crimson.
513 **Napoleon, III.**—Golden spotted with brown.
514 **Purpureum Violaceum**—Purple violet flowers.
515 **Spitfire**—Brilliant light scarlet.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 25c, 2 oz 35c.

516 **LOBIANUM, FINEST MIXED**—This mixture is composed of the finest and most distinct varieties in this grand free flowering type. Planted in masses it will produce most gorgeous and showy effects. Pkt 5c, oz 10c. 2 oz 20c, ¼ lb 30c, lb $1.00.

There are few flowers that compare with Nasturtiums in richness and variety of colors, freedom of bloom ease of culture and general usefulness. They are suitable for bedding and handsome climbers, grow quickly, thrive in the poorest soil, and furnish the greatest abundance of long lasting, sweet-scented cut flowers.

Tom Thumb, Dwarf or Bedding Varieties

The improved varieties of the Dwarf Nasturtium are among the most popular and beautiful of our garden plants. Their neat, compact growth, rich colored flowers and free-blooming and long-lasting qualities, together with their adaptability to almost any soil or situation, make them unsurpassed for garden decoration. 1 foot.

517 **Simmers' Special Dwarf Mixture**—Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, lb $1.25.

518 **Aurora**—Deep Crome yellow, the two lower petals blotched and veined carmine.
519 **Beauty**—Scarlet, splashed canary.
520 **Bronze Color**—Coppery bronze.
521 **Cloth of Gold**—Scarlet flowers and golden yellow foliage.
522 **Crimson Rose-Colored**—Dwarf.
523 **Dwarf Crimson.**
524 **Dwarf Yellow.**
525 **Empress of India**—Very Dwarf, dark tinted foliage, flowers brilliant crimson.
526 **King Theodore**—Dwarf, intense dark brown flowers.
527 **King of Tom Thumbs**—Scarlet.
528 **Lady Bird**—Orange, yellow and red spots.
529 **Pearl White**—Cream color, very distinct.
530 **Prinz Heinrich**—Cream color, spotted red.
531 **Regelianum**—Purple violet.
532 **Ruby King**—Crimson rose, distinct foliage.
533 **Spotted King**—Orange spotted crimson.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 20c, 2 oz 30c.

Dwarf Nasturtium

SIMMERS' PHLOX DRUMMONDII

Improved Large Flowering Varieties

The various varieties of this flower are noted for extreme richness of color, profuseness of blossom, and length or duration of bloom. It is one of our finest annuals, and whether in clumps or masses looks equally beautiful. Hardy annual; 1½ feet.

534 **Grandiflora**—This strain of mixed, large flowering Phlox is noteworthy for variety and brilliancy of colors. Finest mixture. Pkt 5c, ¼ oz 20c, oz 60c.

Pkt

535 **Discoidalis Grandiflora Mixed**, Larger and more numerous flowers.... 10
536 **Delicata**—Delicate rose, white centre. 10
537 **Black Warrior** — Dark red, nearly black..... 10
538 **Coccinea**—Bright scarlet..... 10
539 **Princess Royal**—Light purple with white streaks, very brilliant..... 10
540 **Isabel**—Nankin Yellow 10
541 **Leopoldi**—Bright rose with white eyes 10
542 **Washington** — Violet purple with blackish brown and white throat, beautiful 10
543 **Quadricolor** — Purple throat, violet eye with a white and reddish lilac ring. 10
544 **Radowitzii**—Rosy red, striped white.. 10
545 **Rosea**—Deep rose..... 10
546 **White**—Large flowering 10
547 **William I.**—Bright crimson, with stripes..... 10
548 **STAR-SHAPED PHLOX**—"*Star of Quedlinburg.*" Flowers of *regular star-like form.* Plant of compact habit large umbels of flowers; novel and beautiful; mixed colors..... 10

Pkt

549 **FRINGED PHLOX "FIMBRIATA"**—A distinct variety; resembles the ordinary Phlox Drummondii; flower bordered white, which with bright eyed centre picturesquely contrast with the magnificent velvety colors; more than 25 distinct colors..... 10

DWARF PHLOX

550 **Dwarf Scarlet (Fireball)**—Intense scarlet..... 10
551 **Dwarf White (Snowball)**..... 10
552 **Dwarf Mixed**..... 10

DOUBLE PHLOX

553 **Double White**—A profuse bloomer... 10
554 **Double Scarlet**—With semi-double and double flowers; the trusses and individual flowers are equal in size to those of the dwarf compact varieties... 10

COLLECTION—12 colors, annual Phlox.... 50
" 6 colors, annual Phlox.... 30

555 **Perennial Mixed, Decussata**—Fine mixture..... 10

Phlox Drummondii Large Flowering. Pkt 5c.

PORTULACA

One of the finest hardy annual plants, of easy culture. The flowers are of the richest shades of color, and are produced throughout the summer in great profusion; fine for massing in beds, edging or rock work; 6 inches.

556 **Splendens — Single** flowering, brilliant colors 5
557 **Double Flowering**—Choice mixture. 10
Single Flowering Collection of six distinct and brilliant colors..... 30

Double Portulaca. Pkt. 10c.

NEMOPHILA (Love's Grove)

Of neat, compact habit, blooming freely all summer. If thinned to 1 in. apart the plants will present a dense mass.

558 **Mixed**—Many rich, bright colors. Pkt 5c.

NIEREMBERGIA

559 **Frutescens**—A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases, or bedding out; 1 ft. White tinted with lilac. Pkt 10c.

Nigella—(See Love-in-a-Mist).

NOLANA

560 Very pretty annual, trailing habit, with Morning Glory like flowers, well adapted to rock work, 6 inches, hardy annual, mixed colors. Pkt 5c.

OXALIS

Delicate half-hardy annual, and perennial, low growing plants with leaves like Shamrock.

561 **Mixed**—9 in. high, rosy flowers, annual. Pkt 10c.
562 **Tropæoloides** (Corniculata)—Short trailing annual, leaves distinctly marked brown-purple yellow flowers. Pkt 10c.
563 **Valdiviana**—Perennial, flowering in the first year, bright yellow, sweet-scented. Pkt 10c.

ŒNOTHERA

564 **Fine Mixed** ("Evening Primroses" or "Sun Drops"). Large showy flowers, various colors, hardy annual. 1 to 2 ft. Pkt 5c.

PERILLA

Ornamental half-hardy annual, deep, dark, purplish red foliage, for border or indoors.

565 **Nankinensis**—Leaves deep mulberry or purplish black, 1 foot high. Pkt 5c.
566 **Variegata**—With leaves finely variegated and veined. Pkt 10c.

PICOTEE PINKS

Well-known plants of great beauty, combining with the most perfect form the richest colors; they have a delicate perfume, and are easily cultivated. 1 foot high, half-hardy perennials.

567 **Mixed**—Best double quality. Pkt 25.
568 **Pure White**—Pkt 25c.

PLATYCODON or WAHLENBERGIA

Hardy perennials producing very showy flowers during the whole season. They form large clumps, and are excellent for planting among shrubbery.

569 **Mixed**—Blue and white. Pkt 10c.

Palma Christi (See Castor Oil Bean).

PENTSTEMON

Very attractive hardy perennial for beds, borders and cut flowers. The flowers are half-pendent, bell-shaped and marked and marbled in beautiful bright shades. They should be planted in a rich, open soil and protected during the winter.

570 **Finest Hybrids**—A spendid mixture. Pkt 10c.
571 **Gloxinoides**—Distinct in point of size of flower, individual flowers measuring 2 inches across, variety and brilliancy of color and profusion of bloom. It has been named because of the resemblance of the individual flowers to Gloxinias in their substance form and variety of coloring. Sown early they come into flower in July and continue a blaze until frost. (See cut.) Pkt 10c.

PHYSALIS FRANCHETI

572 **Japanese Giant Winter Cherry**—A remarkably showy annual, of sturdy, erect, branching habit, growing about 18 inches high. The branches are well covered with luxuriant green foliage, and studded with large, bright-red cherry-like fruits, each enclosed in an enormous balloon-like semi-transparent calyx, about 3 inches long, by 7 to 8 inches in circumference, at first of light green color, gradually changing as they mature, to yellow, then orange, and finally to crimson. Pkt 10c, 3 for 25c.

POLEMONIUM

Ornamental hardy perennials, with beautiful sky-blue flowers in bunches.

573 **Cœruleum Grandiflorum**—2 ft. high. Pkt 5c.
574 **Pulchellum**—1 ft. high. Pkt 5c.

PASSION FLOWER

Splendid greenhouse or parlor climbers; some also for out-doors with curiously-shaped flowers, the appendages of which are supposed to represent the passion of Jesus.

575 **Cœrulea Grandiflora**—For greenhouse or parlor, flowers light blue. Pkt 10c.
576 **Macrantha**—For greenhouse or parlor; glossy leaves, large, deep rosy pink flowers. Pkt 20c.
577 **Incarnata** (Southern "May Pops")—Blooms the first season from seed. Flowers 2 or 3 in. across, flesh white with purple rays, followed by yellow edible fruits. Pkt 10c.

Pentstemon Gloxinoides. Pkt 10c.

PODOLEPIS

Half-hardy everlasting annuals, free flowering, fine for borders.

578 **Chrysantha**—1 ft., golden yellow. Pkt 5c.
579 **Superba**—Dark red. Pkt 5c.

POLYANTHUS

One of our earliest flowering, popular, hardy perennials, of low growth, particularly suited for edging borders; flowers in an astonishing and great variety of colors, in form of Auriculas.

580 **Goldlaced, Mixed** — The flowers have a clear, even margin or lacing of gold on a ground color, similarly well defined; extra choice, mixed. Pkt 10c.

POLYGONUM

581 **Orientale**—A hardy, graceful, showy annual, 5 feet high; fit for shrubberies or the centre of borders; rosy crimson, drooping flowers; fine, light green, heart-shaped foliage. Pkt 5c.

Simmers' Giant Pansies

VALUABLE INFORMATION—on the Culture of Pansies will be found in our New Booklet '*Hints on Growing Flowers*," sent **free if requested** with every 50c order.

The term **"Giant Pansies"** does not adequately describe these new strains, for, aside from the large size which gives them their name, their colorings are simply superb, and their form and substance perfect. The parent of most of these strains, the Trimardeau, when first introduced had only size to recommend it, the flowers being limited in coloring, irregular in shape and lacking in firmness. By continued improvement one beautiful color after another has been added to the list, and perfected from season to season by careful culture. Through personal selection of the best European Pansy Cultures, we have again secured the cream of varieties from all quarters, combining with their giant proportions the most magnificent colorings.

Pkt

582 **Giant Cassier**—A mixture of well-shaped flowers of gigantic dimensions, in choice variety, flowers marked with large blotches..... 10
583 **Giant Auricula Colors**—Very beautiful shadings..... 10
584 **Giant Emperor William**—Rich ultramarine blue, purple-velvet eye... 10
585 **Giant Adonis**—Beautiful light blue, marked with a yellowish-white face and large dark blotches..... 10
586 **Giant Dark Blue**..... 10
587 **Giant Fire King**—Brilliant red and yellow..... 10
588 **Giant Violet Blue**..... 10
589 **Giant Canary Bird**—The ground color is a bright golden yellow, each petal marked with a large dark blotch..... 10
590 **Giant Striped**—A beautiful mixture, flowers striped and mottled in various tints on contrasting grounds..... 15
591 **Giant Yellow or Golden Queen**—Very showy color..... 10
592 **Giant Purple**—Royal purple flowers, very large..... 10
593 **Giant Coal Black**—Of immense size..... 10
594 **Simmers' Giant White "Snow Queen"**—Most valuable addition as it reproduces exactly from seed. We very strongly recommend it not only for bouquets, but as a very valuable addition to the Pansy Family. White, velvet centre..... 10
595 **Giant Beaconsfield**—Purple, shading to white. This strain, combined with the peculiar coloring of the type, will elicit general admiration..... 10
596 **Giant Copper Color**—A most distinct and showy combination..... 10

Type of Giant Pansy Mixture. Pkt 15c, 2 for 25c.

Giant Cassier Pansy. Pkt 10c.

Pkt

597 **Giant Trimardeau**—Flowers large, with a dark blotch on the three lower petals. We recommend this as the best low-priced mixture of Giant Pansies. ¼ oz 50c..... 10

Simmers' Giant Pansy Mixture

598 This mixture embraces, besides all the shades and colors, two special strains not listed elsewhere in this catalogue, and which can only be had in this, our Giant Pansy Mixture. This mixture includes the richest reds, coppers, and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain, with its delicate veining. We have secured the newest, richest and finest sorts. Pkt **15c**, 2 for **25c**, ⅛ oz **$1.00**.

GIANT PARIS MARKET

599 The flowers of this strain are as large as the Trimardeau, and far superior in color and in substance of petals; the blotches are more conspicuous. Having a stout and stiff flower stem, the flowers last longer. Pkt **10c**, 3 for **25c**, ⅛ oz **60c**.

GIANT BUGNOT

600 The flowers are of enormous size, perfectly round, of great substance, and of the most varied and attractive markings and colors. Each petal bears a blotch veined to the edge; contains shades of red, bronze and reddish brown, not found in any other pansy mixture. Pkt 20c, ⅛ oz 60c.

GIANT "BUTTERFLY"

A very distinct strain, which, after repeated trials we have found worthy. The flowers are very large, of good form and substance, and produce freely. In coloring they are varied, seldom two alike in a hundred plants. They are mottled and spotted, streaked, tigered and splashed, while the colors are mainly those rich wine reds, chocolate, velvety red-brown, lavendar, violet, and purple shades, only found in a pansy blossom. We offer a selection made by us this summer from the original introducer's strain. 601 **Mixed Colors**, pkt 25c.

SIMMERS' COLLECTION OF GIANT PANSIES One pkt each of Giant White, Giant Cassier, Giant Bugnot, Giant Yellow, Giant Striped, Giant Violet Blue, and Giant Copper Color, for **60c**

PREMIUM PANSIES

While the Giant-flowered Pansies are great favorites on account of the immense size of their flowers, **Simmers' Premium Pansies** excel in their endless variety of color, combined with perfection of form and velvety texture and substance of their petals. This strain, most celebrated all over Europe, is from a specialist who has devoted his life to the improvement of these flowers. No better strain of Pansies is to be had. It is impossible to describe them, as they embrace all colors and markings.

602 **Simmers' Improved Large Flowering Premium Mixture**—Embracing all varieties named in the following list and many other shades and colors. ¼ oz, 60c.....Per pkt. Pkt 10
603 **Gold Margined**..... 10
604 **Velvety Crimson Purple**..... 10
605 **Bronze Colored**..... 10
606 **White Margined**—Purplish-crimson..... 10
607 **Quadricolor or Pheasant's Eye**—Flowers are of a reddish steel blue, with red and white edge..... 10
608 **Dark Maroon**—Golden margined..... 10
609 **Velvety Crimson**—Golden yellow ground and margin..... 10
610 **Reddish Brown**..... 10
611 **Pure Yellow**—Fine for bedding.....Pkt 10
612 **Cardinal Red**..... 10
613 **Odier** (Five Blotched Flowering)—A magnificent French variety, petals having a large blotch; clearly defined margin; many colors; extra large, ¼ oz 50c..... 10
614 **Peacock**—A very free blooming and attractive Pansy, flowering early, remaining in perfection a long time. Flowers very large with brilliant and novel coloring. The upper petals are royal purple, shot with peacock blue, lower petals also of these colors; this color has never been seen before in Pansies. The two lateral petals are rich maroon, all being encircled with a delicate tint of terra cotta rose..... 10

Type of Premium Pansy Mixture. Pkt 10c.

SIMMERS' PREMIUM PANSIES Collection of 12 separate beautiful sorts, 90c. Collection of 6 separate beautiful sorts, 50c. Any three 25c.

PETUNIAS

Our Strains of Single Petunias are the best obtainable.

Simmers' "Perfection" Extra Large Flowering Fringed Petunia. Pkt 25c.

615 **Simmers' "Perfection" Extra Large Flowering Fringed Mixed**—This strain bears grand substantial flowers of the largest size and the colors are indescribably rich and varied. They embrace all colors, from pure white to the darkest blue and deep red, while even flowers with a yellow tint are not unusual. Most of the flowers are beautifully fringed, while all are distinctly veined. In nearly every flower the throat is darker than the balance of the petals, imparting an appearance of great depth and substance. The foliage is remarkably heavy, and the large leaves are of a dark green color. Pkt 25c.

616 **Single Scarlet-Fringed Petunia "Miranda"**—It belongs to the large-flowering fringed section and in color is a brilliant rosy carmine, merging into scarlet in the throat. Pkt 15c.

617 **Emperor**—Very large, wide open blossoms, with colorings and markings very distinct from any other strain. The solid colors are particularly rich and velvety. Some of the crimson blossoms have pink stars, some pure white stars, others are distinctly striped. Pkt 15c, 2 pkts 25c.

Extra Mottled Strain Single Petunia

618 **Inimitable**—Red, margined and blotched white. Pkt 15c.

619 **White Large Flowering**—Extra choice, large flowering, white, useful for cemetery work. Pkt 10c.

620 **Extra Mottled Strain**—Large flowering, mottled and striped. Pkt 10c, ¼ oz 30c.

DWARF COMPACT PETUNIAS

621 **Dwarf Inimitable** "Star Petunia"-Compact growing variety, flowers cherry-red with a white centre. Pkt 10c.

622 **Snowball**-Our illustration, which is a reproduction of a photograph, shows its dwarf, bushy habit, and also its abundance of bloom. Flowers purest white. Pkt 10c.

DOUBLE FLOWERING PETUNIAS

Simmers' Double Large Flowering Fringed Petunia. Pkt 50c.

623 **Simmers' Extra Double Large Flowering Fringed, Mixed**—Our new selected types have deeper and finer fringe, brighter and more delicate colorings, of purer tones and greater variety than ever before offered. It is well known that the double Petunia, grown from seed, produces but a small percentage of double flowers. The balance in single flowers of the same rich shade. The weaker seedlings should be carefully selected, as these always produce double flowers. Pkt 50c.

624 **Double "Snowball"**—New double white. Pkt 50c.

625 **Double Mixed**—Seed from double flowers grown in pots. Pkt 25c.

Shirley or Silk Poppy. Pkt 10c.

POPPIES

Most popular hardy annuals and perennials, with flowers of unusual brilliancy of color.

SINGLE ANNUAL VARIETIES

626 **Tulip**—A magnificent species; the plants grow about 14 inches high and produce from 50 to 60 large and splendid flowers of the most dazzling scarlet. Pkt 10c.

627 **Persian** (*Papaver Lævigatum*)—Color brilliant scarlet, with shining black spots surrounded by a clearly defined white margin at the base of each petal. Height 2½ feet. Pkt 10c, 3 for 25c.

628 **Peacock**—The most striking feature of the flowers is the conspicuous glossy zone which marks the petals, forming a complete ring. Pkt 5c.

629 **"Danebrog" or Maltese Cross**—The flowers are of a dazzling scarlet color, each of the four petals is marked with a large, silvery-white blotch, forming a white cross upon scarlet ground. Pkt 10c.

630 **Shirley**—These charming Poppies are generally single, or semi-double. They range in color from pure white through the most delicate shades of pale pink, rose and carmine to the deepest crimson. Pkt 10c.

DOUBLE ANNUAL VARIETIES

631 **The Mikado** (American Flag)—The petals are whole at the base, while the edges are frilled in the most pleasing manner. The flowers are of a pure white at the back, while the fringed edges are of a brilliant scarlet. Pkt 5c.

632 **Double French or Carnation Flowered**—3 feet high, double Pkt 5c, oz 25c.

633 **Pæony Flowered**—Flowers in color and size equal to Pæonies. Pkt 5c, oz 25c.

634 **White Swan or Fairy Blush**—18 inches high, enormous pure white double flowers. Pkt 10c, 3 pkts 25c.

635 **Golden Gate**—Exceedingly free blooming; the flowers single, semi-double and double, of medium size in the largest variety of colors imaginable. Pkt 10c, 3 for 25c.

636 **Simmers' "Special" Poppy Mixture**—Comprises not only all the above named and described Poppies, but also a number of other sorts, specially purchased for this mixture, including some entirely new ones. Will make a grand display. Pkt 10c, 3 for 25c, ¼ oz 40c.

Poppy Collection—12 varieties, double and single, 30c.

HARDY PERENNIAL VARIETIES

Iceland (*Papaver Nudicaule*)—These beautiful perennial Poppies produce flowers in great abundance the first year from seed. The colors range from the purest white and yellow to the deepest glowing orange scarlet and have a delicious fragrance.

637 **Iceland**—White. Pkt 10c.

638 **Iceland**-Yellow. Pkt 10c.

639 **Iceland**-Orange. Pkt 10c.

640 **Mixed**—Pkt 10c.

641 **Oriental Hybrids** (*Oriental Poppy*) The colors range from soft flesh and rose to the most dazzling scarlet and richest maroon purple. The flowers are often 6 inches across and endure the longest of any poppy we know. They are hardy perennials and will increase in size and profusion of bloom with age. Pkt 10c.

642 **The Great White California Poppy** (*Romneya Coulteri*)—This fine perennial is of stately beauty as an out-door plant, flowering from July until November. Flowers are large, 4 to 5 inches across, pure white with a fine bunch of yellow stamens. The plants attain a height of 6 to 8 feet, and are really magnificent. Pkt 10c.

Oriental Hybrid Poppies

Chinese Primrose. Pkt 25c.

Chinese Primrose seed we offer is of the highest merit, and has, as usual, been saved from the best strains of English and continental growth.

Primula Cortusoides

Primula Obconica Grandiflora

CHINESE PRIMROSE

For parlor culture as well as for the greenhouse no plant is more acceptable than this class, as it can be made to yield an abundance of flowers all the year round. We procure every year the choicest varieties from one of the best and most celebrated growers in Europe.

643 **CHINESE PRIMROSE MIXED**—The culture of these lovely flowers is much easier than most people think. Our mixture includes only the choicest colors of the single flowering Primulas in all their dainty shades. Pkt 25c.

644 **Erecta Superba**—White fringed, in bunches borne well above the foliage. Pkt 25c.

645 **Kermesina Splendens**—Deep pink, fringed. Pkt. 25c.

646 **Snow Queen**—A distinct and beautiful variety of Primrose with the finest pure white flowers of large size, thrown well above the foliage. The flowers are of good substance and elegant form. Pkt 35c.

647 **Carter's Holborn Blue**—A distinct variety, with azure-blue flowers borne above the foliage. Pkt 25c.

648 **Fern-Leaved** (*Macrophylla Fimbriata*) — With long, massive fern-like foliage and beautiful flowers of great substance and elegant form, finely fringed, great variety of colors, mixed. Pkt 25c.

649 **Punctata Elegantissima**—Crimson, spotted white. Pkt 25c.

650 **WILLIAMS' PRIZE**—Dark red, large fringed flowering; extra fine for pots. Pkt 25c.

651 **Chiswick Perfection Red or Magenta Queen**—Large brilliant scarlet. Pkt 25c.

652 **Alba Magnifica**—The finest pure white variety grown: flowers 2½ inches across with large yellow eye. Pkt 25c.

653 **Erecta Superba, Double White**—Double flowering variety of Erecta Superba, Single; reproduces well from seed. Pkt 50c.

654 **Double Mixed**—Pkt 50c.

HARDY PRIMROSES

The popular garden Primrose is one of our earliest flowering hardy perennials, well suited for edging, and in a great variety of colors.

655 **Vulgaris**—The old-fashioned common yellow primrose. Pkt 10c.

656 **Japonica** (*Japanese Primrose*)—Of robust growth, rich magenta flowers. Pkt 10c.

657 **Cortusoides** (*Siberian Primrose*)—An early rose-purple flowering hardy perennial. Pkt 10c.

PRIMULAS

658 **Obconica Grandiflora**, new large flowering *Ever-blooming Primrose*—One of the most useful plants grown, if sown early in spring will begin to bloom in May or June, and continue throughout the year, flowers soft lilac shade. Pkt 10c.

659 **Floribunda**—One of the prettiest and best Primroses, same general character as P. Obconica, only a lovely shade of primrose yellow. Fragrant, free blooming. Pkt 10c.

660 **Primula Forbesi or Baby Primrose**—The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing until October, when the flowers may be allowed to develop, and from then until late in spring they produce their sprays of beautiful rosy-lilac flowers in seemingly never-ending profusion. Pkt 10c.

PYRETHRUM (Feverfew)

YELLOW FOLIAGE SORTS FOR BEDDING

Pyrethrum or Golden Feather. Pkt 10c.

661 **Partheni-folium Aureum**—Golden yellow dwarf, bedding plant known as **Golden Feather.** Pkt 10c.

662 **GOLDEN GEM**—The double flowering variety of the preceding. Pkt 10c.

663 **Selaginoides**—A beautiful variety, handsome fern-like foliage. Pkt 10c.

PYRETHRUM PERENNIAL SORTS

664 **Hybridum**—Large flowering single mixed Hardy perennial, bearing large Aster-shaped flowers, ranging in color from light pink to deep red, with bright yellow centres; 2 feet. Pkt 10c.

665 **Hybridum, fl. pl.**—Large flowering double mixed. Beautiful colors; mixed; 1½ feet. Pkt 25c.

ROSES

666 **Dwarf Polyantha or Fairy Rose**—Roses from seed the first year, so that seed sown in February in the house may be had in bloom in June in the open ground, where they *continue to bloom throughout the season.* The plants are dwarf and bushy, growing only about 1 foot high and very pretty for solid beds and borders. Pkt 10c, 3 for 25c.

667 **Roses Mixed Hybrids**—The seed we offer is from the best mixture of hybrid perpetual and moss roses, will flower the second year. Pkt 10c.

RHODANTHE

One of the neatest of the genus of flowering half-hardy annual everlastings; of low growth, in different shades of bright pink and white, with yellow disc.

668 **Maculata**—1 foot, deep carmine. Pkt 10c.

669 **Alba**—Pure white. Pkt 10c.

670 **Astrosanguinea**—Dwarf, purplish crimson. Pkt 10c.

RUDBECKIA

(Texas cone flower)

671 **Bicolor Superba**—A hardy annual of compact branching growth, producing flowers about 3 inches in diameter, of a bright yellow, red and blackish purple disc: height of plant about 1½ feet. Pkt 10c.

Primula Erecta Superba, Double White

Rhodanthe Maculata

SALPIGLOSSIS

(Painted Tube Tongue

One of the most beautiful of flowering annuals; the flowers are large, of many beautiful colors, and exquisitely veined and laced; 1½ feet high.

672 **Mixed** — Large flowering, Pkt 10c.

673 **Emperor**—A new type of this gloriously beautiful garden annual, growing in upright columnar form, having only one strong main stem, about 30 inches high which is well furnished with large petunia-shaped flowers, 3 to 4 inches across, of various colors, all of which are intricately netted and veined with golden yellow. Mixed colors. Pkt 10c.

Salpiglossis Emperor Pkt 10c.

SEDUM (Stone Crop)

674 **Mixed**—Pretty little plants, growing freely on rock or rustic work, also on ornamental mounds, where they flower in great profusion; hardy annuals. Pkt 10c.

SALVIA (Flowering Sage)

Magnificent half-hardy annual, biennial or perennial; some also greenhouse or indoor plants.

675 **Salvia Splendens** (*Large Flowering Scarlet Sage*)—One of the most gorgeous of annuals, blooming throughout the summer and fall. The plants grow from 1½ to 3 feet in height and form dense bushes, completely covered with showy sprays of most dazzling scarlet flowers. Pkt 10c.

676 **"Silverspot"**—The leaves are rich, soft dark green, with light sulphur or cream colored spots of various size liberally sprinkled over them. The intense bright scarlet flowers are very large, and the plants of neat, compact habit and very floriferous. Pkt 10c.

677 **Dwarf Salvia—"Lord Fauntleroy"**—The foliage is of a very rich dark green color, beginning right at the ground and rising no more than 10 inches above, while the 8-inch flower spikes stand erect and clear above the foliage. Pkt 10c, 3 for 25c.

Salpiglossis Mixed. Pkt 10c.

678 **Salvia, Clara Bedman** (*Bonfire*)—The plants form handsome globular bushes about 2 feet high by 2 feet in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant, and are of the most brilliant dazzling scarlet. Pkt 10c, 3 pkts 25c

679 **Coccinea**—1 foot high, scarlet flowers, annual. Pkt 5c.

680 **Farinacea**—3 feet, showing long spikes of blue flowers; annual. Pkt 10c.

681 **Patens**—2 feet high, biennial, in flowers of purest sky-blue imaginable. Pkt 10c.

682 **Dwarf Salvia or "Burning Bush"**—A splendid sort, blooming about two months before the old variety and lasting until late in the fall. The plants are dwarfer and more compact in habit, while the flowers are of the brightest scarlet. Pkt 10c.

683 **Argentea**—2 feet high, silver leaves, blue flowers, beautiful perennial. Pkt 10c.

SAPONARIA (Bouncing Bet)

Hardy, free-flowering annual or perennial plants of easy culture and different growth, the most of them being of trailing habits and suitable for edging work or small beds.

684 **Mixed** — All colors, 5 inches. Pkt 10c.

SANVITALIA

685 **Procumbens, fl. pl.**—Beautiful trailing annual, well adapted from its compact growth for covering beds in the flower garden; the double flowers are large in proportion to the plant; of rich brown and yellow. Pkt 10c.

SAXIFRAGA

686 **Huetti**—Hardy perennial of trailing habit, with yellow flowers; for shady places, rockeries or hanging baskets, flowering abundantly and constantly. Pkt 10c.

Sanvitalia Procumbens, fl. pl. Pkt 10c.

SCABIOSA (Mourning Bride or Sweet Scabious)

The Mourning Bride or "Sweet Scabious" of our old gardens, but much improved in size, colors and doubleness. They are very free bloomers, the colors white, carmine, lilac, maroon, etc. Excellent for bouquets.

687 **Snowball**—The flowers of this pretty Scabiosa are large, measuring fully 2 inches in diameter, of purest snow-white, very double. The stems are very stiff and strong, and the foliage a luxuriant green. If plants are potted in the fall, they will furnish pure white flowers until Christmas. Pkt 10c, 3 for 25c.

688 **Golden Yellow**—This color has long been desired in the Scabiosa family, and is now obtained after years of selection. The flowers are double and of a pure yellow color. Pkt 10c.

689 **Tall Double Large Flowered Mixed**—All colors mixed. Pkt. 5c.

690 **Dwarf Mixed**—All colors, 1 foot high; large flowers and robust in growth. Pkt 5c.

691 **Caucasica** — One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac blue, 3 feet. Pkt 10c.

692 **Scarlet Runners**—Pkt 5c.

Sweet Scabious or Mourning Bride. Pkt 5c.

SCHIZANTHUS

(Butterfly Flower)

Few plants are more attractive than these when well grown, whether in pots or in the border; they are of a branching elegant habit, well covered with peculiar-shaped flowers; hardy annual.

693 **Fine Mixed**—2 feet high flowers orange and carmine shades spotted with yellow, resembling small butterfly. Pkt 5c.

SEA LAVENDER

(Everlasting Statice)

694 **Statice Bonduelli**—1 foot, bright yellow. Pkt 10c.

SENECIO (Jacobæa)

695 **Elegans**—Double mixed. Valuable hardy annuals, compact, bushy in growth, 1 foot high; adapted for bedding or indoor culture, producing multitudes of tassel-shaped small flowers. Pkt 5c.

SENSITIVE PLANT (Touch Me Not)

A tender annual, half trailing, 1 foot high, with very curious leaves; very curious and interesting plants, the leaves closing if touched or shaken. Of very easy culture, succeeding in any soil.

696 **Mimosa Pudica**—Pkt 5c.

Salvia, Clara Bedman (*Bonfire*). Pkt 10c.

Schizanthus. Pkt 5c.

Sweet William (see Dianthus)

SILENE

Elegant dwarf, bushy annuals, bearing a profusion of bright, attractive flowers through spring and summer. Admirable for beds, margins, rock work.

697 **Pendula Ruberrima**—Carmine rose flowers. Pkt 5.

698 **Ruberrima, fl. pl.**—Double flowering variety of the preceding. Pkt 10c.

SMILAX

A splendid perennial; greenhouse or parlor climber.

699 **Medeola Asparagoides**—Pkt 10c, oz 50c.

Snapdragon—(See Antirrhinum).

SOLANUM

Very elegant, highly ornamental, interesting genus of fruit-bearing plants.

700 **Marginatum**—3 feet high, leaves white-edged and veined. Pkt 15

701 **Capsicastrum Little Gem or Jerusalem Cherry**—2 ft. high, scarlet berries like cherries, beautiful for parlor. Pkt 10c.

STEVIA

702 **Serrata White**—For pot culture or the border; half-hardy perennial. 10c.

SIMMERS' Large Flowering SWEET PEAS

An ounce of Sweet Peas contains about 300 seeds, enough to sow a single row 25 feet long. Our packets of all are liberal, containing about 75 seeds, enough to sow a single row 6 feet long.

Our Mixtures

"SADIE BURPEE"

703 **SIMMERS' GIANT "GILT EDGE" MIXTURE**—This mixture of Sweet Peas, is undoubtedly the finest we have ever offered. It contains only grand new named varieties of large flowering type, the seed of which has been grown separately from selected stock, and only the *largest-flowered, most beautiful new Sweet Peas* have been selected and mixed by ourselves. We have maintained a similar high standard throughout, and can assure all lovers of Sweet Peas, that never before has it been possible to obtain only the best and all the best of the new large flowering Sweet Peas as in this unequalled mixture. Pkt 10c, oz 15c, 2 oz 25c, ¼ lb 25c, per lb 90c.

704 **Eckford's Up-to-date Mixture**—This mixture is made up from thirty varieties. Pkt 5c, oz 10c, ¼ lb 15c, lb, 50c, postpaid. Price by express, 5lbs $2.25, 10 lbs $4.00.

705 **Finest Mixed**—This strain contains a beautiful assortment. Pkt 5c, oz 10c, ¼ lb 15c, lb 40c.

706 **All Colors, Mixed**—Pkt 5c, ¼ lb 10c, lb 30c.

707 **White and Primrose Shades**—Mixed.
708 **Shades of Blue and Mauve**—Mixed.
709 **Striped, Flaked and Clouded**—Mixed.
710 **Scarlet, Magenta, Claret, Maroon**—Mixed.
711 **Rose and Pink Shades**—Mixed.
Any of the above—Pkt 5c, oz 10c, ¼ lb 20c, lb 60c.

712 **Admiration**—Delicate rosy lavender.
713 **America**—Cardinal stripe on white ground.
714 **Blanche Burpee**—Pure white.
715 **California**—Most delicate pink.
716 **Captain of the Blues**—Dark blue, netted with purple.
717 **Captivation**—Rosy-purple self.
718 **Coquette**—Primrose, shaded lavender.
719 **Countess of Radnor**—Delicate lavender and mauve, lovely variety.
720 **Countess of Aberdeen**—White, margined with pale pink.

NAVY BLUE

721 **Countess Cadogan**—Standards shining violet, overlaid with a light sky-blue, wing a pure sky-blue.
722 **Crown Jewel**—Pale standard, tinted and veined with violet rose.
723 **Daybreak**—Watered crimson, scarlet on white ground.
724 **Duchess of Sutherland**—Pearl white, delicately suffused with light pink.
725 **Duke of Sutherland**—Deep claret standard, wings deep indigo-blue.
726 **Duke of Westminster**—Deep rose-maroon, with bright violet.
727 **Earliest of All**—Pink and white.
728 **Emily Henderson**—Purest white.
729 **Emily Lynch**—Pink, suffused primrose.
730 **Extra Early Blanche Ferry**—Pink and white.
731 **Fascination**—New magenta mauve.
732 **Hon. F. Bouverie**—Coral-pink, wings slightly lighter.
733 **Hon. Mrs. E. Kenyon**—Beautiful deep primrose color, very large flower.
734 **Juanita, or Striped Celestial**—Pure white, delicately lined with pale lavender.
735 **Lady Nina Balfour**—Mauve, suffused with heliotrope pink.
736 **Lady Mary Curry**-Deep orange-pink, delicately shaded rosy lilac.
737 **Lady Skelmersdale**—Rosy-lilac, wings white, shaded rosy lilac.
738 **Lord Kenyon**—Rose magenta, self color.
739 **Lottie Eckford**—Lavender, shaded pink and white.
740 **Lottie Hutchins**—Daintily flaked with pink on a cream ground.
741 **Lovely**—Soft shell pink.
742 **Maid of Honor, or Improved Butterfly**—White ground, edged light blue.
743 **Miss Wilmott**—Rich deep orange pink, enormous size.
744 **Modesty**—Most delicate pink.
745 **Mont Blanc**—Earliest white.
746 **Mrs. Eckford**—Beautiful shaded primrose yellow.
747 **Mrs. Dugdale**—Lovely rose, shaded rich primrose.
748 **Mrs. Jos. Chamberlain**—Rose, pink and white striped.
749 **Mrs. Sankey** (black seeded)—Large, bold flower, pure white, faintly flushed.
750 **Navy Blue**—A true blue.
751 **Oriental**—Of a rich orange cast.
752 **Othello**—Dark brown, chocolate red.
753 **Pink Friar**—Carmine rose suffused on silvery white.
754 **Prima Donna**—Lovely shade of soft pink.
755 **Princess Beatrice**—Warm blush pink.
756 **Prince Edward of York**—Cherry rose.
757 **Prince of Wales**—Bright rose.
758 **Princess of Wales**—Standards striped white and blue, wings heliotrope and white.
759 **Queen Victoria**—Cream, suffused purple.
760 **Ramona**—Creamy white, splashed pink.
761 **Royal Rose**—Deep rosy pink.
762 **Sadie Burpee**—White, extra large flowers.
763 **Salopian**—Best of the deep crimsons.
764 **Sensation**—Paper white with a flesh tinge.
765 **Shahzada**—Purplish maroon, wings indigo.
766 **Stanley**—Rich dark maroon.
767 **Stella Morse**—Yellow, becoming a little lighter as the flower grows older.

Price of Named Varieties, except where noted—Pkt 5c, oz 10c, 1-4 lb 25c. Customers' selection of any seven 5c packages for 25c. Any twelve packages for 40c.

DOUBLE SWEET PEAS

At best these are really semi-double flowers. The best mixtures we have will not produce more than half doubles, the others remaining of the usual single type.

768 **Mixed**—A mixture of 11 named varieties. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c.

Cupid Sweet Pea

WARF OR CUPID SWEET PEAS

769 **White Cupid**—Dwarf white.
770 **Pink Cupid**—Pink and white.
771 **Beauty Cupid**—Decided rose color.
772 **Alice Eckford Cupid**—Rich cream tinted standards, white wings.
773 **Primrose Cupid**—Creamy.
774 **Boreatton Cupid**—Rich purple.
775 **Royalty Cupid**—Beautiful self colored pink.
776 **Extra Early Blanche Ferry Cupid**—Pink and white.
777 **Countess of Radnor Cupid**—Delicate lavender.
778 **Firefly Cupid**—Scarlet.
779 **Mixed Cupids.**
Any of the above—Pkt 5c, any six pkts 25c, oz 15c, 2 oz 25c, ¼ lb 40c.

BUSH SWEET PEAS

The bush Sweet Pea grows in perfect bush form, as shown in the illustration. It requires no trellis like the Tall Sweet Peas. An average bush grows 16 to 18 inches high by from 12 to 14 inches wide.

780 **Bush Senator**—Silver gray, striped claret.
781 **Bush Blanche Ferry**—Pink and White.
782 **Bush Prima Donna**—Lovely soft pink.
783 **Bush Gray Friar**—Lavender purple, on a silver white ground.
784 **Bush Monarch**—Claret or wine brown.
785 **Bush Varieties Mixed.**

Price of any of the above—Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, 1 packe each of five bush varieties 20c.

PERENNIAL SWEET PEAS

Showy free-flowering plants for covering old stumps, fences, etc., 5 feet

786 **Pink Beauty**—Charming rose pink. Pkt 10c.
787 **Lathyrus Latifolius**—The old favorite red variety. Pkt 10c.
788 **Latifolius Albus**—Large clusters, pure white; grand, hardy low climber.

Bush Sweet Peas

We strongly advise the planting of Sweet Peas in colors, being much more satisfactory. We can furnish neat wooden labels, which are iron wired and can be fastened to stakes or wire netting, at 20 cents per 100.

STOCKS (GILLY FLOWER)

These old-fashioned flowers are much liked for their peculiarly pleasant perfume and bright colors. For early flowering, sow in the house in February or March, and plant in the open ground in May, when danger of frost is over. Nine to eighteen inches high, half hardy annual.

Large Flowering Globe Pyramidal Ten Weeks Stock—A magnificent race, with immense spikes of perfectly double flowers, the individual blooms frequently measuring from *two to two and a half inches in diameter*. The large double flowers are produced in great profusion, the spikes being compactly pyramidal in shape, and the plants of neat habit of growth. We offer the following colors: Pkt

790 **Crimson**	10	793 **Pure White**	10
791 **Light Blue**	10	794 **Bright Pink**	10
792 **Purple**	10	795 **Mixed**	10

German Ten Weeks Pyramidal Globe Stocks

796 **Improved Ten-Week "Snowflake"**—The earliest white Ten-Week Stock in cultivation, resembling in habit the Dwarf Pyramidal race. It produces a vigorous main spike of extremely large and double snow-white flowers. Pkt 10c.

797 **"Cut and Come Again," or Princess Alice**—Produces all season pure white double flowers. It throws out numbers of side branches, each of which bears a cluster of blossoms. A splendid Stock for cutting, and quite fragrant. Pkt 10c.

798 **"Pillar of Snow"**—A superb variety producing a grand central spike of beautiful pure white flowers, the plant afterwards branching. If potted up will bloom splendidly under glass in winter. Pkt 10c, 3 for 25c.

799 **East Lothian**—Pure white, invaluable for florists. Pkt 10c.

800 **Dwarf, Brilliant Deep Blood Red** (Victoria)—Beautiful pyramidal shape, the lateral branches being symmetrically arranged. Pkt 10c.

801 **Shrubby, or Cockade Double**—Winter flowering, bright red. Pkt 10c.

802 **Giant Emperor, or Perpetual**—These make very bushy and branching plants with an abundance of flower. Sow in July or August, and they will bloom in winter. Many colors in the finest mixture. Pkt 10c.

803 **Giant Emperor White**—For florists' use; very fine. Pkt 10c.

804 **Brompton**—Half-hardy biennial bushy plants, producing a beautiful display of double flowers, mixed colors, 2 feet high. Pkt 10c.

COLLECTION OF STOCKS

	Pkt
Large, Pyramidal Double Ten Weeks—12 colors	50
Large Pyramidal Double—6 distinct colors	30
East Lothian, Double, Large Flowered—6 distinct colors	30
Giant Emperor, Double—Winter flowering, 6 very fine colors	40

VERBENA

Simmers' Mammoth Verbenas. Pkt 10c.

805 **Grandiflora Mammoth Strain**—This distinct and superb class of Verbenas is a remarkable improvement on the older varieties. It produces flowers of an enormous size, the florets being fully one inch in diameter, with clearly defined margins and white eyes. Very choice mixed. Pkt 10c, 3 pkts 25c, ¼ oz 50c.

806 **Mammoth Blue.** Pkt 10c.

807 **Mammoth Scarlet Defiance**—Brightest scarlet. Pkt 10c, ¼ oz 75c.

808 **Mammoth Pure White "Snowball"**—A fine strain of large flowering. Pkt 10c, ¼ oz 75c.

809 **Mammoth Auricula**—Splendid colors, with large white eye. Pkt 10c.

810 **Yellow Leaved** (Golden Bedder)—A golden yellow foliage, which forms a striking contrast to the deep crimson flowers. Pkt 10c.

811 **Venosa, Purple**—Producing an abundance of flowers. Good Bedder. Pkt 10c.

812 **Erinoides** (Moss Verbena)—Purplish-blue blossoms in lavish profusion; comes into flower in June and continues incessantly until November. For beds, baskets or rockeries it is highly desirable. Pkt 10c.

813 **Citriodora** (Lemon-scented Verbena)—The leaves are delightfully fragrant and refreshing. Grows easy from seed. Pkt 10c.

TOM THUMB VERBENA

(Verbena Hybrida Compacta)

814 Of exceeding dwarf, compact growth, six inches in height, and spread so as to form almost circular bushes about two feet in diameter. Mixed colors. Pkt 10c.

SWAINSONIA GRANDIFLORA ALBA

815 A very popular plant for house culture. Foliage as graceful as an Acacia; flowers pure white, produced in sprays of 10 to 12 flowers each, and resembling Sweet Peas. It is of the easiest culture and ever-blooming. It climbs readily and is splendid for the window garden, or it may be grown as a bush plant by trimming it back as it grows; tender perennial, 1 to 4 feet. Pkt 10c.

THUNBERGIA

816 **Alata**—A half-hardy, low climbing annual, flowers somewhat the shape of a Morning Glory, bright yellow or deep buff, with a large black centre. Mixed, all colors. Pkt 10c.

TAGETES SIGNATA PUMILA

817 Dwarf annual, flowering in profusion throughout summer and autumn; color bright yellow; very effective in low beds. 1 foot. Pkt 5c.

TUNICA

818 **Saxafraga**—Very neat, dwarf-trailing hardy perennial, covered with pretty white flowers, good for edging. Pkt 5c.

Vinca

TORENIA

For hanging baskets or culture in pots it is unsurpassed and in summer its brilliancy adds a pleasing variety to outdoor decorations. Tender annual.

819 **Fournieri, or Edentula**—Sky-blue flowers, indigo blue spots, yellow throat, free bloomer. Pkt 10c.

820 **Bailloni** — Golden yellow with dark throat, distinct. Pkt 10c.

821 **"White Wings"**—Attractive, pure white flushed rose. Pkt 15c.

VENUS' LOOKING GLASS

822 **Campanula Speculum**—A free flowering, pretty little plant, adapted for beds or rock work, ribbons or edgings. The plants form a small spreading mass about nine inches high; blue. Pkt 5c.

VERONICA

823 Early flowering, hardy perennials, mixed. Pkt 10c.

VINCA

(Periwinkle, or Creeping Myrtle)

824 **Rosea**—Rosy flowers, glossy oval-shaped leaves. Pkt 10c.

825 **Alba**—White flowering. Pkt 10c.

Violet 826 **Odorata Semperflorens** (Single Ever-flowering Violets) The "Sweet English Violet," prized for its delicate color, 6 inches high. Pkt 5c.

Virginian Stock Hardy, low-growing, profuse flowering annuals, for hedges, small beds, or pot culture.
827 **Cheiranthus Maritimus**—Mixed. Pkt 5c.

Viscaria 828 **Hybrida**—Pretty, profuse flowering, hardy, low growing annuals of easy culture in any soil. Mixed colors. Pkt 5c.

Waitzia 829 **Grandiflora**—Half-hardy, ever-lasting annuals, 6 inches high, large yellow flowers. Pkt 10c.

Wallflower The flowers of the Wallflower are deliciously fragrant and greatly prized; the large, massive, conspicuous spikes of the double German varieties have a charming effect, while the more bushy, compact growth and profuse blooming of the single ones render them exceedingly attractive. hh. p.

830 **Double Branching**—Mixed. Pkt 10c.

831 **Harbinger**—Rich, blood red, 1 foot. Pkt 5c.

832 **Single**—Mixed. Pkt 5c.

833 **Single Annual Wallflower**—This variety will flower throughout the summer and fall, from seed sown in the spring. Pkt 10c.

Whitlavia 834 **Grandiflora**—Mixture, free-flowering hardy annuals, 18 in. high, bell shaped flowers, 1 inch long, violet blue and white. Pkt 5c.

Wallflower—Double Mixed. Pkt 10c.

ZINNIA

Youth and Old Age.

The Double Zinnia with its flowers large and beautifully formed are exceedingly handsome. Few plants in the flower border are more effective; and scarcely any flower, when cut, is more suitable for table bouquets. Being of rather robust habit, it requires but moderately rich soil; the seed may be sown in the open ground or indoors, according to the time it is desired to flower; half-hardy annual.

835 **Elegans**—Mixed. Pkt 10c.

836 **Scarlet**—Double, fiery scarlet flowers. Pkt 5c.

837 **White**—Pkt 5c.

838 **Sulphur Yellow**—Golden yellow flowers, large perfect shape. Pkt 5c.

Zinnia, Elegans, Double Large Flowering

839 **Double Curled and Crested**—Large double flower of perfect form, the petals being twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the shades characteristic of the Zinnia. Pkt 10c, 3 pkts 25c.

840 **Pompone or Lilliput Flowered, Mixed**—Dwarf, double, distinct; long cone shape, beautiful; flowers perfect in shape, the colors of which are exceedingly bright and showy; mixed. Pkt 10c.

841 **Haageana, fl. pl.** (*Mexican Zinnia*)—A splendid double variety; flowers deep orange, keeping its color when dried as a winter flower. Pkt 5c.

842 **Zebra**—The flowers of this selection are perfect in shape, of all colors and are beautifully striped, spotted and blotched with different shades. Plants symmetrical and compact, about 2 feet high; mixed colors. Pkt 10c.

Collection Double Zinnias, 6 distinct varieties, 40c.

Wild Cucumber Vine

Wild Cucumber Vine

843 This is the **quickest growing climber** in our list. It will grow 30 feet in one season, has dense graceful foliage which is thickly dotted over with pretty white, fragrant flowers. These in turn are followed by an abundance of small, ornamental and prickly seed pods. Once planted, this vine seeds itself and comes up every year. Pkt 5c, oz 25c, 2 oz 35c, ¼ lb 50c.

Wigandia

Grand and magnificent plant, with stupendous leaves richly veined, and stems covered with crimson hair. Of rapid growth and splendid habit. It forms one of the finest objects among ornamental foliage plants to impart a tropical aspect to a garden or conservatory decoration; h.h.p.

844 **Caracasana**—Pkt 10c.

ZEA (Ornamental Maize)

Compact in habit, very long and drooping leaves, elegantly striped; a very effective plant, especially in groups and masses.

845 **Japonica Variegata**—Pkt 5c.

XERANTHEMUM

846 **Annuum**—Double white. Pkt 5c.
847 **Imperiale**—Double dark violet purple. Pkt 10c.
848 **Superbissimum, fl. pl.**—Distinct double. Pkt 10c.

Special Mixtures of Flower Seeds

Many persons derive pleasure from watching the growth of a varied bed of flowers, entirely out of the usual trim garden style, while others desire a much more extended collection than their means will permit. To both of these the following mixtures will appeal.

	PACKET
849 **Flowers for Bouquets**	10c.
850 **Low-Growing Annuals**	10
851 **Tall-Growing Annuals**	10
852 **Mixture of Fragrant Annuals**	10
853 **Mixture of Foliage Plants**	10
854 **Mixture of Climbers**	10
855 **Mixture of Evening Bloomers**	10
856 **Everlasting and Ornamental Grasses**	10
857 **Biennials and Perennials**	10

858 **Mixed Annuals**—These mixed flower seeds embrace more than a hundred varieties of such easy-growing and pretty flowers as are suitable for forming a *wild flower garden*. They are very useful for woodland walks, roadsides, and for sowing alongside of fences and on any untidy bare spots of ground which are frequently unsightly, and which, if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the summer. Pkt 5c, oz 25c, ¼ lb 75c, lb $2.50.

Our Children's Flower Garden

859 Nothing appeals so to a young fancy as bright colors and beauty of form, and the influence on the mind when in its most receptive state, of a constant association with nature and its beauties, will be found to create beneficial impressions lasting a lifetime. With a small expense of labor, the Kindergarten can be transformed into a delightfully attractive spot, and form the most instructive of schoolrooms and the happiest of playgrounds. This mixture embraces over 100 sorts of easy-growing flowers. Pkt 5c, ½ oz 10c, oz 15c, ¼ lb 35c, lb $1.00.

Fern Balls

860 They arrive from Japan in January. The roots are twisted and worked together in a ball shape about eight inches in diameter. The fresh young leaves soon sprout out and form a solid mass of fronds completely covering the ball (see illustration), forming a ball of fern leaves 15 to 18 inches in diameter when fully developed. These Fern Balls do well hanging in a window where not too much sun reaches them. Keep the ball moist by dipping it occasionally in a pail of water. Large size 50c, small size 30c, postpaid.

Fern Ball

TUBEROUS ROOTED BEGONIAS

These are certainly grand summer blooming plants for beds, whether singly or in masses. As pot plants they are also unequalled with their many varied colors of white, yellow, pink, scarlet and red—great waxy flowers measuring from three to six inches across. The double-flowering sorts resemble beautiful roses. Plant out in May, a foot or so apart, one inch deep, and well watered at all times. Take up on the approach of cold weather. For growing in pots start at any time after January.

Giant Single Varieties—Separate colors, **White, Scarlet, Pink** and **Yellow.** Each **10c**, 4 for **30c**, doz **75c**, 25 for **$1.40**, 100 for **$5.50.**

Giant Single Mixed—Each **10c**, 4 for **30c**, doz **75c**, 25 for **$1.35**, 100 for **$5.00.**

Giant Double Varieties—Separate colors, **White, Rose, Scarlet** and yellow. Each **15c**, 4 for **50c**, doz **$1.50**, 25 for **$2.75**, 100 for **$10.00.**

Giant Double Mixed—Each **12c**, 4 for **45c**, doz **$1.30**, 25 for **$2.50**, 100 for **$9.00.**

Special Offer One bulb each color of **Single** White, Red, Pink and Yellow for **30c.**
One bulb each color of **Double** White, Rose, Scarlet and Yellow for **60c.**

Single Tuberous Begonia

TUBEROUS ROOTED BEGONIA DUKE ZEPPELIN

A most useful and attractive variety that should soon become a favorite for bedding, possessing the great advantage over other tuberous-rooted Begonias of delighting in full sunshine. It is of dwarf habit, growing from 6 to 8 inches high, throwing up well above the foliage numberless stems bearing full double dazzling scarlet flowers, giving the whole plant a brightness, grace and elegance difficult to describe. Strong bulbs **25c** each, **$2.50** per doz.

Duke Zeppelin Tuberous Begonia

Apios Tuberosa Its clusters of rich, deep purple flowers have a strong, delicious violet fragrance. They grow to a great height and bloom profusely. The bulbs are hardy and need not be taken up. Each **5c**, doz **50c.**

Cyclobothra Flava The habit of plant and bloom is similar to Bessera; the color is clear, golden yellow, with intense black spot on each petal. Each **5c**, doz **50c.**

Chlidanthus Fragrans The large flowers, which are borne in dense clusters during the months of July and August, are of a deep canary yellow color and extremely fragrant. Each **10c**, doz **75c.**

CINNAMON VINE

(Dioscorea Batatas)

A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy green; growth is very rapid, reaching about eight feet in height; quite hardy. Good roots **5c** each, 6 for **25c**, doz **50c.**

CRINUMS

Kirkii—The grandest variety of this group. The flowers are fragrant, petals broad and white with deep purplish reddish stripe through centre. Usually two flower stalks are sent up, each bearing a large cluster of 12 to 20 flowers. It blooms with the greatest freedom. Extra large bulbs, each **40c**, medium size bulbs **25c** each.

Crinum Kirkii

AMARYLLIS

Formosissima (Jacobin Lily)—Flowers of a deep velvety crimson color, handsomely formed, very striking. Each **10c**, 6 for **50c.**

Treatea (Fairy Lily)—Bulbs can be planted at any time during the winter or spring, and will soon bloom. They should be potted in sandy soil and five or six can be planted in a five inch pot. Each **5c**, doz **50c.**

Vitatta Hybrid—Beautiful, large-flowering, new seedlings from choicest varieties; bulbs are of an immense size and will produce something grand. Each **50c**, doz **$5.00.**

Johsonii (Spice Scented)—It is impossible to name a more magnificent bulbous plant than this; its immense flowers, richness of coloring and regal habits are simply incomparable; it throws up a spike about 18 inches high, bearing from two to six flowers averaging four to six inches across, of a bright rich red color with a white stripe down each petal; it also has a rich, spicy fragrance. This variety is the most robust and luxuriant and the earliest to flower of the whole Amaryllis family, and is a prolific bloomer, and it is of easy culture. **25c** each, extra large bulbs **50c** each, 2 for **90c.**

SPIDER LILY

Pancratium Caribbæum *(Spider Lily)*—Planted out in wet places during summer it will produce many spikes of fragrant flowers, in dense clusters, lasting several weeks; grand for indoors, blooming even if grown in water. Each **20c**, 3 for **50c**, 7 for **$1.00.**

Ismene Calathina Grandiflora or Basket Flower—A grand summer-flowering bulb, producing throughout the season large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and after a few weeks' rest, potted and flowered in the house in winter, or kept over for planting out another season. Each **30c**, 4 for **$1.00.**

The Great Ismene, (Basket Flower)

Large Flowering CANNAS

The Most Desirable Bedding Plant for the Canadian Garden

How to Prepare a Canna Bed—These plants being strong growers, require deeply-dug garden ground, well enriched with rotten manure; soil with some mixture of sand is best. After planting, water sparingly for a few days, until the plants have taken root; after well established and showing good leaf growth, increase the amount of water; when in full growth during hot weather they may be watered very freely. Set the plants 18 inches apart each way, using the taller ones (see height in description) for the centre and the dwarfer kinds for outer circles with shortest ones at edge.

Allemania (Italian)—Exceptionally large flowers, frequently measuring 6½ inches across, the upper petals salmon with broad border and markings of golden yellow, while the lower petal is dark salmon marked with yellow in the centre; foliage dark green.

Alphonse Bouvier—5 feet. The most intensely brilliant crimson; undoubtedly one of the best bedding varieties.

America—4½ feet. The beautiful foliage is dark, shaded and flamed with green, bronze and purple, and shines as if varnished. The spikes are very large and the flowers are enormous, with a yellow throat and petals of glowing red, flamed and streaked with purple.

Austria (Italian)—6 feet. Pure canary yellow; fine large open flowers, with but few traces of reddish brown dots in the centre of the two inside petals.

Black Beauty—The handsomest Indian Canna yet introduced, with large massive foliage of the richest bronzy purple color shaded with black, the edges of the leaves having a peculiar wavy margin. Where foliage effect alone is desired, nothing richer or more handsome can be found.

Duke of Marlborough—3½ feet. Green foliage. Absolutely distinct and superbly beautiful. The color is rich, velvety maroon, the darkest color yet found in a Canna.

Egandale—4 feet. Red foliage, strong, compact flower spikes, color currant red. The finest of its color because of its harmony of leaf and flower and because of its brilliancy.

Flamingo—Rich deep crimson.

Florence Vaughan—3 feet. The flowers of this splendid sort are of the most perfect form; the petals are even broader than those of the Madame Crozy and more rounded at the ends, and are well opened, and of the most brilliant golden yellow, dotted with brightest scarlet.

Gigantea—This dark foliaged Canna has been grown to the *height of 8 to 11* feet, with bright orange scarlet flowers of good size; *the foliage is simply superb.* It comes into bloom very early.

Type of Italian or Orchid Flowered Cannas

Golden Sceptre—A pure golden yellow Canna, without spots, that *does not bleach in the sun* like other yellow Cannas; flower stalk branching; height 4½ feet, foliage bright green.

Governor von Zimmer—A remarkably free-flowering variety, with large trusses of medium-sized flowers, which are of an intense rich orange-scarlet, pleasing and effective; foliage of bronzy purple; 4 feet.

Italia (Italian)—5 feet. It is of a bright orange-scarlet, with a very broad golden-yellow border; the flowers, which are produced on massive stems about sixteen inches long, are set well above the foliage.

Large Flowering Cannas

Leonard Vaughan—5 feet. Rich, deep bronze foliage. Very strong, robust grower, flowers freely, and well-formed flower spikes show boldly above the foliage. Color, bright scarlet without markings, and with very wide petals, measuring 1½ inches.

Madame Crozy—The flowers are of the largest size, of a dazzling crimson scarlet, bordered with golden yellow. Plant dwarf in habit. The foliage is of a rich, cheerful green, and very massive.

Mlle. Berat—The nearest approach to a pink in a first-class bedder. In this variety, however, the larger the mass the finer the effect, and when planted in conjunction with yellows and high-colored reds it is simply superb. Height 4 feet.

Mrs. Geo. A. Strohlein—A grand variety with extra large bright amaranth-red flowers, which are raised well above the foliage in strong, heavy, many-flowered trusses; grows about 6 feet high with large bronzy-purple foliage; entirely distinct. 25c each.

Mrs. Kate Gray (Italian)—7 feet. Flower is immense; larger than *Austria or Italia*, being round and full, of a clear wine color, beautifully suffused with gold. Besides the extraordinary size of the flowers, it is a very strong grower, and would be valuable on account of its beautiful and luxuriant foliage alone.

Mlle Meriene Lambard—The color of the flowers at their best is a *glistening snow-white.* The individual flowers and petals are very large. It is a tall grower and of a graceful spreading habit. Taken altogether it is a very distinct and meritorious variety.

Paul Lorenz—Dwarf, dark foliage, richest crimson bloom.

Paul Carnot—Has good-sized truss of large flowers; foliage deep chocolate maroon; color of bloom, bright red. One of the best of the dark-leaved sorts.

Pennsylvania—One of the best of the Italian types; the flowers, which measure fully 6½ inches in diameter, are produced remarkably free in many-branched pannicles, and are of an intense vermilion scarlet, overlaid with an orange-scarlet sheen; foliage rich green; 6 to 7 feet; 25c each.

Queen Charlotte—4 feet. The flower spikes bear a beautiful bouquet of large flowers of perfect form, with petals of a rich scarlet crimson, broadly banded with a bright canary yellow.

Rubin—Flowers not large, but of an intensely rich, glowing carmine, which, combined with its dark bronzy-green foliage, makes it a grand bedder; 4 feet.

Souvenir d'Antoine Crozy—The richest gilt-edged variety yet introduced; the flowers are large, with well-rounded petals, which are of intense scarlet crimson, rich and dazzling, and are bordered with a broad, rich, golden-yellow band; 3 feet high.

Wilhelm Bofinger—One of the brightest and richest scarlets, suffused with orange; foliage green; 5 feet.

Strong Plants—Except where noted, each 15c, postpaid; by express at purchaser's expense, per doz. $1.40. For the Amateur, Dry Roots are difficult to start, so we offer plants.

CANNA BED No. 1 Collection for Canna Bed 7 feet in diameter.
1 Florence Vaughan (for centre) 12 Mad. Crozy (outside row)
6 Egandale (middle row)—**FOR $2.50 by Express**

CANNA BED No. 2 Round, 7 feet across. 7 Egandale (Bronze Leaf) 12 Florence Vaughan
FOR $2.50 by Express. Here is a combination that makes one of the prettiest beds

CANNA BED No. 3 Round, 10 feet across. 7 Florence Vaughan (in center) 12 Egandale (middle row); 18 Madame Crozy (outside row)—**FOR $4.50 by Express**
This is a very complete three-color effect in a Canna Bed, and very hard to excel.

DAHLIAS

The Dahlia is the grandest autumn flower we have. There is nothing to equal it in September or October when everything else is faded or fading, and it surrenders only to frost. Tubers should be planted when the season becomes warm, covering the neck about three inches. If many shoots start thin out. Take up plants before hard frost, cut off tops, dry the tubers a little, and put in cellar until spring. There are five distinct classes, viz.:—**Tall Double, Dwarf Double, Decorative Cactus, True Cactus, and Single.** All are grand, and the entire collection should be planted. Tubers can be sent as soon as all danger from frost is past, about April 1st. **Prices below include postage.**

BEST LARGE FLOWERING SHOW DAHLIAS

Arabella—Pale primrose tipped and shaded old rose and lavender.
Beauty—Large, pure white, extra fine.
Bird of Passage—White, tipped pink.
Charles Lidgard — Deep yellow, edged with red flowers, better in partial shade.
Crimson Beauty—Vivid crimson.
Duke of York—Clear yellow, merging into crimson, profuse bloomer.
Elegans—Rosy purple, tipped and striped white.
Empress of India—Large, white, tipped with purplish lilac.
Frank Smith—Rich dark purplish maroon tipped pinkish white, very fine.
Gloire de Lyon—Very large, pure white.
"Greater Britain"—The flowers are large, 5 to 6 inches in diameter, and perfectly full to the centre. The color is a pure, rich yellow, petals tipped with delicate peach.
Hector—Large, cherry red, finest form.
Hercules—Large yellow striped red, very large bloom.
Jezebel—Dark rich maroon, tipped white.
Keystone—Pink striped crimson.
A. D. Lavoni—Beautiful soft pink.
Mrs. D. Saunders—White tipped crimson lavender, fine form, very large.
Miss May Lomes—Pure white suffused soft lavender.
Mantas La Villa—Very deep rose.
Miss Browning—Clear yellow, tipped with white, flowers better in partial shade.
Modesty—Blush, light centre, large, always perfect.
Perfect Vallon—Beautiful rich cardinal red.
Prince Bismarck—Bright purple.
Queen of the Yellows—Clear yellow.
Robert Turner—Bronze color.
Rossland—Light yellow.
Ruby Queen—Clear, ruby red, richly shaded.
Triomphe de Pacque—Dark maroon, good form.

PRICE—15c each; any 3 for 40c; doz $1.50.

Maid of Kent

DWARF DOUBLE BOUQUET DAHLIAS

So-called from their compact and dwarf habit of growth; flowers smaller, than those of the Tall Dahlias, but perfect and very double.

Dandy—Bright crimson purple.
Decorator—Pinkish white, penciled purple.
Eleganta—Soft pink tipped deep pink.
Golden Jewel—Very small, pure yellow.
Scarlet Gem—Fine light scarlet.
Snowclad—Best white, very free flowering.
Snowflake—Pure white, flowers large than Snowclad.
Vivid—Clear bright red, small, well-shaped bloom.

PRICE—15c each; any 3 for 40c; per doz 1.50.

Large Decorative Cactus Dahlias

This group is generally sold as Cactus Dahlias, but is entirely distinct. In form they are about half way between the show and cactus varieties, the petals are long, broad, beautiful and regular, though they vary in form in different varieties. Splendid for decoration.

Black Prince—Velvety maroon, almost black.
Bronze—Rich bronze.
Countess of Pembroke—Delicate rosy lavender, large, long stems.
Cactus Queen—Rich blood red, very decided color.
Clifford W. Bruton—Large size and always full to the centre; color is of the purest yellow.
Fern-leaved Beauty—Foliage finely cut like a Fern. Color creamy white, heavily bordered with dark crimson.
Henry Patrick—Pure white, free.
Irridescent—Bright orange, overlaid with red, suffused and margined blue.
Lady Roberts — Pure white, early, very free bloomer.
La Favorite—Snow white, very large, fluffy like a chrysanthemum.
Maid of Kent—Rich blood red, tipped white.
Oban—Rosy lavender, overlaid with silvery fawn.
Perle de la Tete d'Or—Pure white, notched petals, good for florists' cutting.
Sunlight—Large light yellow.
Wm. Agnew—The richest shade of intense dazzling red.

PRICE—15c each; any 3 for 40c; per doz $1.50.

TRUE CACTUS DAHLIAS

This section is of recent introduction, and is the most beautiful of the entire Dahlia family. The flowers are perfectly double, loosely arranged and irregular in outline, the petals are long, pointed and twisted. Colors of this class are most exquisitely delicate and refined, while the blending of shades and tints is surpassingly lovely.

Beauty of Arundel—Rich, glowing crimson, shading to rosy purple.
Delicate—Light salmon, shading to lovely delicate pink.
Gloriosa—Deep bright red, shaded scarlet.
John Roach—Pale soft yellow, very fine.
Mrs. Barnes—Lovely clear primrose shading to palest rosy pink.
Mrs. Peart—Creamy white.
Marquis—Dark rich crimson.
Mrs. V. Morgan—Combination of bronze, yellow and pink.
St. Catherine—Yellow shaded red.

PRICE—15c each; any 3 for 40c; per dozen, $1.50.

SINGLE DAHLIAS

Titan—Fern leaf, orange.
John Cowan—Crimson, shaded maroon.
Kate—Intense orange-scarlet maroon.
Kapperfeller—Orange and purple.
Ami Barrilett—Richest scarlet, dark foliage.
Novelty—Purple spotted white.
Snow Queen—Pure white, extra fine.
Yellow Seedling (new)—Very large, pure yellow.

PRICE—15c each, any 3 for 40c, $1.50 per doz.

MIXED DAHLIAS

We have a large stock of Mixed Dahlia Roots from which the labels have been lost, among them will be found some of our very best varieties. We offer these for **10c each, 3 for 25c, 75c per doz, $5.00 per hundred.**

Forest Hill Beauty

FIVE FINE NEW DAHLIAS FOR 1904

Forest Hill Beauty—The grandest red decorative Cactus Dahlia. Flowers of the largest size and of perfect form; color richest shade of intense dazzling red. A great bloomer, plants being covered with masses of the large brilliant flowers, which are carried well above the plant on long stiff stems. Each 40c.

20th Century Orchid-Flowered Single Dahlia—A grand new single variety, entirely distinct from all previous introductions. The plant is of free branching habit, commencing to bloom early in the season, and producing its flowers on stems 3 feet long. They measure 4½ to 6 inches in diameter, and early in the season, are an intense rosy crimson tipped with white and having a white band around the disc. As the season advances they become lighter, until they are almost a pure white suffused with soft pink. Roots 35c each.

Pink Beauty (Tall Double)—An entirely new color, and one sought after for many years, being a pure mauve pink; the flowers are large and the stems are very long. The flowers are of beautiful form, with full high center. The plant is strong, sturdy, vigorous, of branching habit. The flowers are large and full until frost. Price, strong roots, 35c each.

Jno. Bennett (Tall Double)—One of the grandest Fancy Dahlias to date. The flowers are of immense size, measuring 6 to 7 inches across, with full high center and, owing to the great length of the petals when opening, there is never a green center showing, even when the buds are first expanding. The color is clear yellow, heavily tipped crimson; the flowers are not only much larger, but brighter, of better form, and produced in greater abundance than any variety of similar color yet introduced. Price, strong roots, 35c each.

Uncertainty (Tall Double)—Flowers of many colors, from deep maroon to blush white, including beautiful spotted and variegated forms, are borne in great profusion on the same plant at the same time, blush white, crimson-maroon, white suffused with maroon, maroon suffused with white, crimson-red, purple spotted, marked or marbled white, spotted, marbled and striped with maroon, pink or crimson, or several colors suffused in an odd and irregular way. The blossoms are perfectly double, large, and of perfect shape. Price, strong roots, 25c each.

SPECIAL OFFER—The Set of 5 New Varieties, $1.60 Postpaid

GLADIOLUS

Large Flowering Brilliant Colors

STRICTLY FIRST SIZE BULBS

No Flower Garden is Complete without a Bed of Gladiolus

There is nothing to compare with the Gladiolus as a garden flower, thriving as they do under the most adverse conditions, and giving out a bountiful supply of handsome blooms which cannot be surpassed for their brilliancy and varied colors. We are large growers of these bulbs and supply only varieties and mixtures that we know are the best to be obtained and such as will give complete satisfaction.

CULTURE.—Gladiolus are of the simplest culture. Plant at any time from April to July, in any fairly good soil, well spaded. Set in rows three inches apart, or in masses, six inches apart each way. Plant in full sun, if possible, and keep down weeds. They bloom from July to October. After fall frosts, lift the bulbs, and, after removing the tops, let them dry for two or three weeks in any airy position, under cover. Then, after removing the roots, store them in a cellar, or any cool, dry place, away from frost, for planting again the following spring.

A SELECT LIST OF NAMED GLADIOLUS

Shakespeare—White, suffused carmine rose, large rosy blotch.
May—White ground, slightly striped crimson.
Lamarck—Cherry, white throat.
Emma Thursby—White ground, carmine strips through petals, blotch in the lower divisions.
Isaac Buchanan—Yellow.
Blondin—Bright terra cotta, very large spike.
Le Poussin—Light red, white blotch.
John Bull—White, tinted sulphur.
Dr. Hogg—Mauve, suffused rose.
Ceres—White, spotted rose.
Champ de Mars—Salferino, white blotch, bordered carmine.
General Sheridan—Fiery red, with white stripe.
Mrs. E. H. Krelage—Bright red, white blotch and carmine veins.
Reine Blanche—White, with dark carmine blotch.
Brenchleyensis—Vermillion Scarlet.
Octoroon—Beautiful salmon pink, very distinct.

6c each, 60c doz, post-paid.

Snow White—Grand spike of snow white flowers, a magnificent variety. Each 15c, 4 for 60c, $1.75 per doz.

GIANT OR CHILDSII GLADIOLUS

The flowers are of great substance and of gigantic size. The form of both the flower and spike is perfection itself, but their most remarkable feature is their coloring. Orchids cannot surpass them in their varied and delicate shades, markings and blendings. Every color known among Gladiolus is represented, and many never before seen, particularly blues, smoke grays, and purple blacks, all having beautifully mottled and spotted throats, made up of white, crimson, pink, yellow.

NAMED CHILDSII VARIETIES

Burlington—Bright pink, beautifully tinged with orange scarlet carmine and white mottled throat.
Mrs. La Mance—White, overspread with a slight lilac shadow, mottled purplish crimson.
Henry Gillman—Deep salmon scarlet, with fine white bands.
Columbia—Light orange scarlet, freely blotched and pencilled with bluish purple.
Wm. Falconer—Spike of great length, with enormous flowers. Light pink and blush mottled.
Boston—Flaming orange scarlet, with large white throat.
Mohonk—Deep dark pink, with spotted throat, shaded orange ank flaked maroon.
Eva—Beautiful rose, shaded and marked with slate.
Old Oxford—Slaty crimson, heavily clouded blue.
Sacramento—Deep, bright coral scarlet, white mottlings.
Princeton—Large flowering red, violet and white mottlings in throat.
Brilliant—Beautiful orange red, carmine and white throat
Ethel—Soft rose, with white and crimson.
Mrs. Beecher—Deep rosy crimson, pure white throat.

10c each, 90c per doz, post-paid.

Mixed Childsii—Price each 7c, 4 for 25c, 12 for 60c, postpaid; 25 for $1.00, 100 for $3.50 at purchasers' expense.

OUR GENERAL MIXTURES

Our mixed Gladiolus are very fine indeed, being choice varieties only. All old and common ones have been discarded, and customers can depend on having a large and magnificent variety of colors.

	Each	per doz.	per 25	per 100
Simmers' Extra Fine Mixed	03c	30c	50c	$1 25
Mixed Lemoine's Seedlings	04	35	70	2 00

Remember all are postpaid at prices quoted except 100 lots. The 100 rate does not include carriage.

GLADIOLUS IN SEPARATE COLORS

All Large Flowering Bulbs.

	Each	per doz	per 25	per 100
White and Light Varieties	04c	$0 45	$0 85	$3 00
Striped and Variegated	04	0 45	0 85	3 00
Pink Varieties	04	0 35	0 65	2 00
Red and Scarlet Varieties	03	0 25	0 45	1 50
Yellow and Orange Varieties	05	0 50	1 00	3 50
Groff's Hybrids	10	1 00	1 75	5 00

GROFF'S NEW HYBRID GLADIOLUS

(ORIGINATOR'S OWN COLLECTIONS)

We cannot guarantee to fill orders after May 1.

Groff's Extra Select Pan-American Exposition collection, large corms	$10 00	per 100
Groff's Selected New Dark Hybrids, Large Corms	6 00	"
Groff's Selected New Light and Yellow Hybrids, Large Corms	12 00	"
Groff's Selected New Blue Hybrids, Large Corms	12 00	"
Groff's World's Fair Collection, in collections of 25, 50, 75 and 100, Large Corms	20 00	"

Note.—The above Hybrids are supplied in collections of not less than 10 each.

Choicest Hardy Lilies

Lilium Auratum

ALL STRICTLY FIRST SIZE. Especially adapted to planting in borders, between shrubs, etc. **The best collection of sure blooming Lilies ever offered.** Because of the great popularity of this most beautiful of all bulbous plants, hundreds of kinds have been offered to the public in small and inferior bulbs, such as have shriveled and died before attempting to start into life—all of which has discouraged the many friends of this flower divine. Bulbs chosen from this list will produce a Lily bed which will not be a disappointment.

Their ease of culture, hardiness and freedom of bloom commend them to every flower lover.

AURATUM, Gold Banded

Justly famous as the most beautiful and fragrant of all Lilies, flowers white, dotted crimson, with a clear, broad golden band running through the centre of each petal.

First Size Bulbs	Each 15c,	3 for 40c,	dozen $1.50
Extra Size Bulbs	" 20c,	4 for 75c,	" 2.00
Mammoth Size Bulbs	" 30c,	4 for $1.00	" 3.00

SPECIOSUM ALBUM

Pure white, with beautiful recurved petals, very fragrant.

First Size Bulbs	Each 20c,	3 for 50c,	dozen $2.00
Extra Size Bulbs	" 25c,	3 for 65c,	" 2.50
Mammoth Size Bulbs	" 30c,	4 for $1.00	" 3.00

SPECIOSUM RUBRUM, Crimson Banded

Flowers are white, with a deep rosy or crimson band on each petal, with deeper colored spots between. They are five to six inches in diameter, very fragrant, and have all the hardiness of the Speciosum Class.

First Size Bulbs	Each 15c,	3 for 40c,	dozen $1.50
Extra Size Bulbs	" 20c,	4 for 75c,	" 2.50
Mammoth Size Bulbs	" 30c,	4 for $1.00	" 3.00

SPECIAL OFFER

One first size bulb each of the three grand sorts, postpaid	40c.
One extra size bulb each of the three grand sorts, postpaid	60c.
One mammoth bulb each of the three grand sorts, postpaid	85c.

Roseum (*Speciosum*)—White, shaded and spotted with rose. Each 15c, doz $1.50.

Melpomene (*Speciosum*) — A valuable addition to this class. Each petal is completely covered with blood-red, except a clear, frosty white border. Extremely handsome and perfectly hardy. Each 15c, doz $1.50.

Longiflorum — A variety bearing in clusters, beautiful snow white, trumpet-shaped flowers of rare fragrance, almost exactly like Lilium Harrissi in shape, but blooms later, extending the season of that beautiful kind. Each 15c, doz $1.50.

Brownii—Magnificent variety with large flowers, pure white inside, purple tinted outside, stamens of a rich chocolate color, one and a half to two feet high, blooms in June. Each 40c.

Lilium Speciosum

Chalcedonicum—Bright scarlet recurved flowers, blooms in June, 3 feet. Each 40c.

Martagon—Purplish red, spotted with dark purple, prolific bloomer, 2 to 3 feet high, blooms in midsummer. Each 15c, per doz $1.50.

All Bulbs are sent by Mail postpaid, unless noted

Lilium Longiflorum

Tenuifolium (Coral Lily of Siberia)—Flowers vivid scarlet, with petals reflexed; very showy and free flowering, blooming early in the spring, very easily grown, requiring only a well drained, sandy soil. Each 20c, 3 for 50c, 12 for $1.75.

Excelsum—This stately and beautiful variety grows from 5 to 6 feet in height, and bears from 6 to 12 fragrant, nodding flowers, of a delicate buff color. Each 50c, 3 for $1.35.

Tigrinum—Spotted Tiger Lily. Each 15c, per doz $1.50.

Tigrinum, fl. pl.—Spotted Tiger Lily with double flowers. Each 10c, 4 for 35c.

Candidum—The pure white garden lily, flowers snowy white, with heavy yellow stamens; hardy and free blooming, bearing 5 to 20 blossoms. Plant early and leave them undisturbed. Each 10c, 3 for 25c, 6 for 50c, per doz $1.00.

Orange Lily (*Bulbocodium Aurantiacum*)—Each 15c, per doz $1.25.

Wallace's Notes on Lilies An interesting and valuable book on Lilies, indispensable to Bulb Growers. Illustrated. Cloth, 215 pages, $2.50.

LILY COLLECTIONS

To make these beautiful flowers more popular we offer the following very cheap:—

Popular collection of 10 Separate Varieties for $1.25, postpaid.

ONE BULB EACH—Auratum, Roseum, Rubrum, Album, Melpomene—Longiflorum, Martagon, Tigrinum, Tigrinum, fl. pl., Tenuifolium.

Popular collection of 5 Separate Varieties for 75c, postpaid.

ONE BULB EACH—Auratum, Roseum, Rubrum, Album, Melpomene.

GLOXINIA

A charming class of summer blooming bulbs, which succeed with ordinary care. They should be grown in a moderately shady place, as the sun burns the foliage when wet, making brown spots appear.

Our mixtures include flowers of lovely form and hue, comprising all shades of color. For those who do not care about special color, they will be found very desirable, as only fine varieties have been kept, poor and dull colors being discarded.

SEPARATE COLORS—Pink, Rose and Pink, White, Blue, Tiger Spotted. Each 15c, 4 for 50c, doz $1.50, 25 for $2.50, 100 for $9.00.

Spotted Calla

Fancy Caladiums

Black Calla

Giant Cyclamen

Caladium Esculentum

CALADIUM ESCULENTUM

(Or Elephant's Ears)

One of the most beautiful and striking ornamental foliage plants in cultivation, either for culture in pots or for planting out upon lawns. It will grow in any good garden soil, and is of the easiest culture. When of full size it stands about 5 feet high, with immense leaves, often measuring 4 feet in length by 2½ in breadth.

PRICE—

	Each.	Per Doz.
1st size root	25c	$2.50
2nd size	15c	1.50
Small size	10c	1.00

DWARF CALLA "LITTLE GEM"

Indeed a "pigmy," scarcely ever exceeding the height of 1 foot, yet producing good sized flowers in great abundance. The flowers will be found exceedingly useful for "cut flower work." Price—Each 20c, 3 for 50c.

WHITE CALLA (Lily of the Nile)

Pure white, splendid bloomer. Each 15c, 4 for 50c.

SPOTTED LEAF CALLA

(Richardia Alba Maculata)

A very ornamental plant even when not in bloom; foliage beautifully marked with transparent white spots showing to great advantage before a window. Flowers white, with black centre. Blooms splendidly in the garden or as a pot plant. Large bulbs, to bloom at once.

Price—Each 10c, 3 for 25c, doz $1.00.

YELLOW CALLA (Richardia Hastata)

Everyone is familiar with the well-known White Calla Lily. This fine variety we now offer is identical with this in every respect, except the color, which is pure yellow, so that the great value of this grand novelty can be readily appreciated by all. Genuine imported stock.

Price—Each 40c, 3 for $1.00.

BLACK CALLA (Arum Sanctum—Solomon's Lily)

The large, wavy leaves, which are of a rich green color, veined light green, resemble those of Calla Ethiopica. The flower is about 14 inches long and from 7 to 9 inches across, of a brilliant dark purple color. The spike rising about 10 inches above the centre of the flower is velvet-like and quite black. Price—Extra large roots, each 20c, or 3 for 50c.

CALADIUM (Fancy Leaved Varieties)

A most beautiful class of plants, with the brightest and most peculiarly marked leaves of any foliage plant. They are easily grown and from 1st of June until October no house plant can vie with their beauty. Bulbs must be stored in the winter where it is quite warm and not too dry. Our collection consists of 30 fine varieties. Each 25c, 4 for $1.00, doz $3.00.

GIANT CYCLAMEN

Certainly most interesting and beautiful winter and spring flowering bulbs. Not only are the flowers of striking beauty, but the foliage is also highly ornamental, being handsomely marked with various shades of green, gray and white.

Giant Rose **Giant Red** **Giant White** **Giant Mixed** } 20c each, doz $2.00.

COOPERIA DRUMMONDI

(The Giant Fairy Lily)

Plant in spring, either in open grounds or pots, where they will bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems 10 to 15 inches high. In the fall lift the bulbs and keep dry over winter. One of the easiest bulbs to grow, sure to bloom freely. Strong bulbs 5c each, 6 for 25c.

CYPELLA HERBERTI

(Golden Cup)

The flowers are of a deep golden yellow, each petal having a broad, rich purple stripe through the centre, and spots of the same color at the base. As the flowers are produced in quick succession and many on a spike, it is scarcely ever out of bloom. Keep dry in winter.

Price—Each 20c, 3 for 50c.

Cypella Herberti

HYACINTHUS CANDICANS

A very striking and beautiful plant. It is a strong grower and quite hardy, shoots upward a stem 4 or 5 feet high, which bears quantities of drooping, ivory-white, bell-shaped flowers, of delicate fragrance. It is very attractive planted among shrubbery or with Lillies or Gladioli. Each 10c, 3 for 20c, doz 75c.

LILY OF THE VALLEY

No flower so easily wins our love and keeps it forever as the Lily of the Valley—the sweetest and most delicate flower, being perfectly hardy, and each succeeding year rewarding the grower with greater abundance of deliciously fragrant blossoms. Strong clumps, each 35c. Strong pips 5c each, 6 for 20c, 12 for 35c.

Madeira Vine

MADEIRA VINE

A tall, half-hardy, tuberous-rooted, climbing plant of rapid growth, bearing copious and graceful racemes of deliciously fragrant white flowers. Very useful for screens and trellis work. Each 5c, 3 for 10c, doz 30c.

Montbretia Crocosmiæflora

MONTBRETIA CROCOSMIÆFLORA

Showy flowers on spikes 12 to 24 inches long; bright orange, dotted purple. Each 5c, doz 50c.

EXCELSIOR "PEARL" DOUBLE

TUBEROSE

Tuberose Flower

Everybody's Favorite

Sweetest-Scented Flower that Blooms.

This pure white, perfectly double, delightfully fragrant flower, invaluable for bouquets, is too well-known to need any description. The growing plant is fond of light and heat, and must have full sunlight when bedded and plenty of water when it begins to grow freely, but not too much water when first planted, and should not be planted outside before May 1st. This variety grows only 24 inches, about half the height of the old double sort, and the flowers are nearly twice the size (often two inches in diameter), and imbricated like a Camelia, deliciously fragrant. (See Cut.) Each 5c, 6 for 25c, doz 40c, postpaid; 25 for 75c, 100 $1.50, carriage extra.

SUMMER FLOWERING OXALIS

Valuable for edging walks, flower beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage 1 foot high, which produce flowers in endless succession.

Versicolor—White margined vermillion. Each 5c, 3 for 10c, doz 30c.

Lasiandra—Rosy pink 5c each, 3 for 10c, doz 30c, 100 for $2.00.

Dieppi—Rosy white. 5c each, 3 for 10c, doz 30c, 100 for $2.00.

Mexican Star or Frost Flower (Milla Biflora)

ZAMIA INTEGRIFOLIA

When in full leaf this noble plant presents a highly tropical appearance, only rivalled by the high priced Sago Palm, which it resembles in appearance. The foliage is very lasting, remaining on the plants for years, and enduring the heated air of rooms with impunity. Start the dry roots in a sandy soil in a warm place.

Dry Roots, each 35c.

MILLA BIFLORA (*Mexican Star or Frost Flower*)

This charming flower blooms profusely all summer; the flowers are fully three inches in diameter, and pure waxy white; they are borne on slender, rush-like stems. Each 5c, doz 50c.

ZEPHYRANTHES

The Zephyr flowers or "Fairy Lillies" are gems of rare beauty. Planted in pots, or in the open ground, they produce very beautiful lily-like flowers all summer, and will be greatly admired by all who see them.

Atamasco—Large, pure white. Each 5c, doz 50c.

Rosea—Beautiful, clear rosy pink. Each 5c, doz 50c.

Phadranassa Gloriosa (Gay Queen or Queen Lily).

PHADRANASSA GLORIOSA

The flowers are borne in pendulous clusters, and with an odd mingling of colors, green, orange, scarlet, etc.; always admired, for it is a very odd and exceedingly interesting plant; the clusters of fine drooping blossoms are entirely unlike any other species of Amaryllis. Each 15c, 3 for 40c.

THE RESURRECTION PLANT

(Or Rose of Jericho)

Imagine a bunch of withered-looking curled-up shoots, brown, stiff and apparently dead, resembling a bird's nest. Place it in water; in an hour what a transformation! The withered-looking bunch has now opened, and is transformed into a patch of bright green moss. Each 15c, 2 for 25c.

50c Spring Bulb Collection Contains 15 splendid Summer Flowering Bulbs which we will send free by mail or express for only **50 cents**:—1 Double Dahlia, 2 Gladioli, 1 Cinnamon Vine, 2 Tuberoses, 3 Milla, 1 Hyacinthus Candicans, 1 Madeira Vine, 1 Tigridia, 3 Oxalis. All the above bulbs are fully described, and most of them illustrated in the Bulb department of this Catalogue. **Compare the retail prices.**

SNAKE LILY

(Sauromatum or Amorphophallus Simlense)

A very remarkable flower, 15 inches long, the inside of which is of a peculiar golden color, spotted purple, while the back is of metallic brown. Fine palm-like foliage. (See illustration). Large bulbs 15c each, 2 for 25c.

Snake Lily

$1.00 Spring Bulb Collection

Contains 25 Summer Flowering Bulbs, which we will send free by mail or express for only **$1.00**:—2 Milla Biflora, 1 Madeira Vine, 4 Mixed Gladioli, 1 Lilium Longiflorum, 4 Fine Oxalis, 1 Cyclobothra, 2 Pearl Tuberoses, 1 Amaryllis Treatea, 1 Tigridia, 1 Spider Lily, 1 Double Dahlia, 2 Cinnamon Vines, 1 Caladium (Elephant's Ear), 1 Hyacinthus Candicans, 2 Tuberous Rooted Begonias. This collection will furnish flowers from early spring until late in the fall, and if properly cared for the Bulbs can be stored over winter and planted again in the spring.

TIGRIDIAS

(*Peacock Tiger Flower or Mexican Shell Flower*)

Extremely handsome summer flowering bulbs, growing about 2 feet high, producing large gorgeous flowers, exquisitely spotted.

Tigridia or Tiger Lily

Conchiflora—(*Mexican Shell Flower*)—Dark yellow, large red spots. Each 5c, doz 45c.

Pavonia (*Peacock Tiger Flower*)—Very large, bright crimson centre, mottled with yellow. Each 5c, doz 45c.

Grandiflora Alba—Flowers large, ivory white, spotted at the base with red on a yellowish ground, forming a fine contrast with the white of the petals. Each 10c, per doz 90c.

SPECIAL OFFER—One each of the above three varieties for 15c, or three Bulbs of each variety for 40c.

CACTI

Anhalonium Fissuratum (*Living Rock*)—The greatest curiosity in the Cactus family. Plant looks like carved stone work, and produces a beautiful pink flower from its wooly centre. Price 25c.

Echinocactus Setispinus—A good grower, with long hooked spines. A very free bloomer, the flowers being large, satiny lemon yellow, with crimson center. Price 25c.

Echinocereus Coespitosus—The beautiful lace Cactus, so called because the spines form a fine network that covers the plant. It also bears an abundance of extra large purplish pink flowers, blooming in early summer. Price 25c.

Cereus Grandiflorus (*Queen of Night*)—The true night blooming Cereus; is a rapid climber and its flowers are enormous. Price 20c.

Echinopsis Eyriesii—Globular when young, growing taller with age. Its long, trumpet-shaped, white flowers open in the evening and last for nearly two days. Price 15c.

Mamillaria Decipiens—One of the pincushion Cacti, a native of Texas. Has a large greenish yellow flower, that lasts a week. Price 15c.

Mamillaria Montana—Like the foregoing in form, but has brownish spines, and bears a fine crimson flower. Price 15c.

Opuntia Senilis—The "Old Man" of the prickly pear family. Has long snow white spines, and makes fine large specimens, yellow flowers. Price 15c.

Phyllocactus Roseus Superbus—One of the flat-leafed Cacti, that are such fine, easy bloomers. This one makes a nice drooping plant, and has a delicate rose colored flower. Price 15c.

Cactus

Pereskia Aculatea—The only Cactus with leaves. A remarkably quick climbing plant, used largely to graft Crab Cactus on, as it is a better stock than any other for that purpose. Price 15c.

Gasteria Maculata (*Cow's Tongue Aloe*)—A good decorative plant, that branches freely from the roots, and sends up a flower stalk 2½ feet high. Price 15c.

Stapelia Variegata—Star-fish Cactus. Really not a Cactus at all, but generally classed with them. Has no spines and makes a fine hanging basket plant, and the star-shaped flowers, of buff yellow, with brownish spots and markings are very odd. Price 20c.

One each of the 12 rare Cacti listed above sent postpaid for $2.00.

Begonia—Otto Hacker

READ THIS Plants that are sent by mail have but little soil left on them, and they should receive very careful treatment, especially the first few days after their arrival. If they look wilted put them in luke-warm water for fifteen or twenty minutes; this will greatly revive them. Should any plants become injured on the way we must be advised promptly, and will replace them without delay. But after they arrive in good condition our responsibility ceases, and if for want of attention, or other causes, they fail, and complaint is then made, we cannot replace them.

Plants Postpaid Except Where Noted.

Asparagus Plumosus

ORNAMENTAL ASPARAGUS

SPRENGERI—A pot plant or for planting in suspended buskets; the fronds are of a rich shade of green, and most useful for cutting, retaining their freshness after being cut for weeks. An excellent house plant, as it withstands dry atmosphere. Strong plants 20c each.

Plumosus Nanus—This graceful climbing Asparagus has to a great extent taken the place of the once popular *Smilax*. It is much more graceful, its foliage being finer than that of the most delicate fern, and it will last for weeks after being cut. It is an excellent house plant, succeeding under almost any conditions. 20c each.

SPECIAL OFFER—One each of the two Asparagus Ferns, 35c.

Aucuba Japonica Variegata (The Japan Gold Dust Tree)—Beautiful Glossy leaves sprinkled with bright yellow. Fine bushy plants. Each 35c.

Rex Begonia

FLOWERING BEGONIAS

Alba Picta—The leaves are glossy green, freely spotted with bright silvery white.

Argentia Guttata—Upright grower, largely spotted white.

Bertha Chateaurocher—Bright cherry red.

Compta—Stems and under sides of leaves red, upper side white and green.

Feastii—Low growing round glossy leaves, pink flower.

Incarnata Grandiflora—Rich pink, best winter variety.

Manicata Aurea—Large, glossy, green leaves, beautifully blotched with creamy white, clear carmine etchings in the matured leaves.

Margaritae—Of the style of Metallica but a hardier and better grower.

Odorata—White, sweet-scented.

Otto Hacker—Vigorous grower, upright habit, with large, shining deep green leaves. The flowers are borne in immense clusters. Color a beautiful bright coral red.

Paul Bruant—Light pink, glossy fine foliage—good for winter.

Pond Lily—Glossy, roundish leaves, pink flowers, mostly in winter.

Thurstonii—Rich pink, handsome foliage. (See cut.)

Weltoniensis—Best summer blooming variety—pink.

ANY OF THE ABOVE 15c EACH

SPECIAL OFFER—Any Three Varieties for 40c, postpaid. Any Six Varieties for 75c, postpaid.

Gloire de Lorraine—It grows from 12 to 15 inches high, forming naturally graceful bushy specimens, which, from October to April, are completely smothered with soft rosy pink flowers. 30c each.

Dwarf Begonia Bijou—A very pretty dwarf variety, growing only about 9 inches high, and covered with intense scarlet crimson flowers. A perfect gem for pot culture, blooming continuously, equally valuable for outside planting in masses or as a border plant. 20c each.

Rex Begonias (Ornamental Leaved Varieties)—Many improvements have been made in recent years in this useful house plant. Our collection, which contains some 20 varieties, embraces all the good old varieties, as well as the best of recent introduction. (See cut.) 20c each, 3 for 50c.

Carnation Enchantress

Begonia Thurstonii

"New Century" Giant Flowering Caladium

"NEW CENTURY" Giant Flowering Caladium

A new species introduced from Central America. It produces leaves fom 3 to 5 feet long, 2 to 2½ feet broad, and is much larger than the ordinary Caladium or Elephant's Ear. The leaves are of a heavy leathery texture, bright glossy green color with metallic lustre, and are held on stout, stiff stems, well above the ground. Added to the foliage effect are the creamy white lily-like flowers from 12 to 15 inches long, which possess an exquisite fragrance, and are produced throughout the summer. 35c each.

Caladium Esculenstum (or Elephant's Ears) — Immense shield-shaped leaves, strong started plants. 35c each, 3 for $1.00; $3.00 per doz. by express.

CYPERUS or UMBRELLA PLANT

A strikingly handsome plant, suitable for the house, of easy culture and sure to give you complete satisfaction. It reproduces itself from the roots, and may be subdivided. Each 15c, 2 for 25c.

CHINESE PRIMROSES

Our plants are of the largest flowered class, grown from seed. Each 25c, postpaid.

BOUGAINVILLEA SANDERIANA

This beautiful free-flowering variety on account of its free-blooming qualities has become very popular. It is of strong and rapid growth, and the brilliant rosy-crimson blossoms are produced almost the whole year. 25c. each

CARNATIONS

C. H. Crane—Fine scarlet.

Enchantress—Clear pink, large.

Flora Hill—One of the finest white, large and free flowering.

Gov. Roosevelt—Rich crimson.

General Gomez—Deep crimson.

Gen. Maceo—Bright crimson.

Glacier—White Dwarf.

J. H. Manly—Deep scarlet.

Leslie Paul—Dark pink, good.

Mad. Albertini—Large rich pink.

Mrs. T. W. Lawson—Dark pink, large.

Prosperity—White striped pink.

Portia—Finest rich scarlet.

The Marquis—Clear pink, large.

Triumph—Pure pink without a trace of purple; very large with long, stiff stems.

Winter Cheer—Bright scarlet.

Any of the above Carnations 10c each, 12 for $1.00.

GREVILLEA ROBUSTA

A very beautiful shrubby plant with fern-like foliage, and rich, golden-yellow trusses of flowers; soon forming fine plants. Plants, each 15c, 2 for 25c.

Yellow Eaton

Chrysanthemums

Standard Varieties
Our List of Chrysanthemums is composed exclusively of varieties standing first in their type and color.

Black Hawk—Finest crimson to date.
Col. Appleton—Fine large yellow, incurved.
C. Chalfant—Fine early large yellow.
Glory of Pacific—Large, early pink, broad petals.
Golden Wedding—Undoubtedly the grandest golden yellow variety.
Gold Mine—Clear, rich yellow.
Iora—Pink, long twisted petals.
Ivory—Pure white, a splendid free-flowering variety.
John Shrimpton—Bright, velvety, crimson scarlet.
L. Boehmer—Silvery pink and deep rose, ostrich plume type.
Major Bonnaffon—Soft clear yellow, incurved.
Mayflower—Large, incurved, white.
Mdlle. Marie Liger—Clear pink, largest of all.
Merry Christmas—Latest flowering white.
Merry Monarch—Large white, early.
Modesto—Intense yellow, incurved.
Mrs. Chamberlain—Clear pink.
Mrs. O. P. Basset—Large early yellow.
Mrs. Perrin—True pink, incurved.
Mrs. Henry Robinson—Large early white.
M. Lamond—Crimson.
Mutual Friend—Large, late white, reflexed.
Niveus—Clearest and finest white.
Pennsylvania—Deep yellow.
Philadelphia—White and pale yellow.
Pink Ivory—Light pink, early.
Polly Rose—Earliest white.
Solar Queen—Large golden yellow, early.
The Barrington—Purplish crimson, very distinct.
Timothy Eaton—Finest and largest white; awarded highest honors wherever exhibited.
White Bonnaffon—Late, pure white, fine form.
Yellow Eaton—Very large yellow.

Any of the above List 10c, 6 for 55c, 12 for $1.00.
One each of the 25 varieties $1.90 postpaid.

EVERBLOOMING CHRYSANTHEMUMS

These will bloom more or less all summer, and if potted and brought indoors in autumn, will continue blooming well into the winter as well. Flowers are of good shape and of about the medium size, three or four inches. **Everblooming White,** clear white. **Everblooming Yellow,** clear yellow. Price—Each 15c, 2 for 25c.

FUCHSIAS

Madame Bruant

Wave of Life

Mrs. E. G. Hill

Avalanche—Best dark Double Fuchsia, fine foliage.
Arabella—White tube and sepals, rose corolla; early.
Black Prince—Bright waxy carmine, pink corolla.
General Roberts—Red sepals, plum corolla, flower 4 in. long, extra fine.
Mrs. E. G. Hill—Short tube and sepals, bright, rich reddish, crimson color; corolla extra large, full and double; flower of the largest size.
Molesworth—Best double white.
Mad. Bruant—One of the most double; sepals bright red; corolla rosy heliotrope, marked and veined with rose.
Rose of Castille, Improved—White with violet centre.
Speciosa—Flesh color sepals, red corolla. Finest of all for winter flowering.
Wave of Life—Golden foliage, crimson tube and sepals; fine purple corolla.

Any of the above 15c each 2 for 25c.
One each of the above 10 varieties for $1.00, postpaid.

DRACAENA (or Cordyline)—Splendid for vases and house decoration.
Australis—30c each.
Indivsa—The best. 30c each.
Veitchii—Bronzy leaves. 40c each.

COBÆA SCANDENS

A beautiful climber of rapid growth, bearing large, purple, bell-shaped flowers.
Price—Large plants, each 20c, 3 for 50c.

Coleus

COLEUS

Price—Each 10c, 6 for 50c, per doz 90c, per 100 $5.00.

AGAPANTHUS UMBELLATUS

(Blue Lily of the Nile)

Flowers are bright blue, produced on long spikes, raising them well above the plant. There is no better plant for growing in pots or tubs on the lawn. Grow very rapidly and should be divided and repotted when roots overcrowd the pot. Each 25c. Large plants 50c, by express.

Calceolaria—Shrubby, fine for bedding. 25c each, 5 for $1.00.

Cyclamen (Persicum Giganteum)-White and pink. Each 25c, 5 for $1.00.

Hibiscus, Peachblow

Hibiscus

Peachblow—The flowers are double and from 4 to 5 inches in diameter; of a charming, rich, clear pink color, with a small deep crimson center; an entirely new and most beautiful shade.

Miniatus Semi-Plenus—Double, rich crimson.

Sub Violaceous—Extra fine double, rosy red.

Carminatus Perfectus—Large orange red, single.

Dennisonii—Single, blush white.

Any of the above 25c each, 5 for $1.00.

Water Lilies and Aquatics

The cultivation of Aquatics is of the simplest; their requirements are sunshine, water, and plenty of rich soil. They are divided into two classes, hardy and tender; the former may be planted in ponds, lakes, or sluggish streams, early in the spring, and under the same conditions as our native Water Lily, they will grow luxuriously and flower profusely the entire season; provide the same conditions in artificial ponds or tanks, and the results will be equally satisfactory. Plant the tender varieties at the approach of warm weather and when the water is warm.

Red Water Lily (Nymphea Devoniensis)—Tender. Each 75c.

Blue Water Lily (Nymphea Zanzibarensis Azurea)—Tender. Each 75c.

Pink Water Lily (Nymphea O. Rosea)—Hardy. Each 60c.

Giant Water Lily (Nymphea Odorata Gigantea)—Hardy. Each 25c, 3 for 65c.

White Water Lily (Nymphea Odorata)—Hardy. Each 25c.

Nymphea (Water Lily)

English White Water Lily (Nymphea Alba)—Hardy. Each 75c.

SURPLUS COLLECTION

These Surplus Collections of Plants and Bulbs we are ready to fill by May 25th, and we will send plants amounting to not less than **$2.00**, at Catalogue prices, and pay postage. If ordered by express we can send many more plants and of larger size; but they are always of our selection. Price **$1.00**. Ready May 25th.

Madame Bruant

Comtesse de Harcourt

Lady Reed

Madame Jaulin

Jean Viaud

GERANIUMS

BY MAIL, POSTPAID

DOUBLE AND SEMI-DOUBLE GERANIUMS

Adrienne Corret—Light rosy red, shaded magenta, fine bedder.
Alphonse Ricard—Light scarlet, large.
Beaute de Poitevin—Very large, semi-double, brilliant salmon.
Bruant—The double General Grant, the standard scarlet bedder.
Charles Morel—Bright double red.
Comtesse de Harcourt—Very fine white.
Emile Girardin—Bright pink, best of its color.
Fleur de Rose—Rich pink, large.
Francis Maynard—Dark purplish red.
Gen. Millett—Clear bright scarlet.
Jean Viaud.—Fine large pink.
La Condole—Clear rose pink.
La Colosse—Rich scarlet, very large flower.
La Favorite—The trusses are very large, flowers beautifully formed, of the purest white.
Madame Jaulin—Salmon and white, very fine.
Marquis de Castellane—Magenta, very fine.
Picotee—White edged with pink.
Surprise—Bright pink with white centre.
S. A. Nutt—The best rich dark crimson variety. A fine bedder.

Any of the above 10c each, 3 for 25c, per doz $1.00.

SINGLE GERANIUMS

Lady Reed—Light salmon, best of its color.
L'Aube—Immense pure white.
Madame Bruant—White, veined and edged purplish pink; good bedder.
Jacquerie-Rich crimson.
New Life—Bright scarlet striped white.
Mad. Chas. Molin—Large salmon.
Mdlle. Desnoliers—Large blush white.
Mrs. E. G. Hill—Deep salmon, fine bedder.
Precinseur—Large white.
Camille Bernardin—Blush white, tinted rose.
Sam Sloane—Dark scarlet, "The Scarlet Bedder."

Any of the above 10c each, 3 for 25c, per doz $1.00.

BEDDING GERANIUMS

We can supply bedding size Geraniums, well grown, thrifty, strong plants of the leading sorts at from $1.00 to $1.50 per doz.

SCENTED GERANIUMS

Rose, Lemon or **Nutmeg** scented. Each 15c, one each of the three 40c.

VARIEGATED-LEAVED GERANIUMS

Madame Salleroi—A very compact variety of Silver Geranium, very fine for massing or bordering; a thrifty, healthy grower, rarely reaching a height of more than 6 inches; leaves very small, of a peculiar clear green, edged with pure white. 10c each, 3 for 25c, 75c per doz.

Mrs. Pollock (Golden Tri-color)—Yellow, bronze, and green foliage. Each 15c, 2 for 25c, $1.20 per doz.

IVY GERANIUMS

The double Ivy Geraniums are remarkably popular at present, and deservedly, for the new Hybrids in richness of color surpass all Geraniums.

Beauty of Castlehill—Beautiful soft red, extra large.
Jeanne d'Arc—Fine habit, the best double white.
Bride—Pinkish white.
Leopard—Richly spotted magenta and white.
Raphael—Salmon Rose.
Robert Owen—Very large rosy red.
Madame Thibault—Rosy scarlet.
Theodore—Dark red.

Any of the above 15c each, 2 for 25c, 6 for 70c.

HYDRANGEAS

The Hydrangea are well known favorities, grown as pot plants, their immense heads of bloom making them very conspicuous. A little shade and plenty of water meet all their needs.

Hydrangea Paniculata—See Hardy Shrubs, page 86.

Otaksa—A Japanese variety lately introduced; beautiful large glossy foliage, large heads of pink flowers. 20c each, 3 for 50c.

Otaksa Monstrosa—Intense rose, shaded white; borne in large clusters, quite small plants bearing blooms of the most enormous size, and which are very lasting in quality. 20c each, 3 for 50c.

Thomas Hogg—Large, pure white flowers, which, on well-grown plants, measure more than 12 inches in diameter. 20c each, 3 for 50c.

Hortensis Nigra—Rich pink, very large and fine, black stems. 20c each, 3 for 50c.

Hydrangea Otaksa Monstrosa

Heliotrope

HELIOTROPES

Heliotropes are great favorites, principally on account of their delicious fragrance; they grow freely under glass, and may be planted in the open border during the summer. 10c each, 3 for 25c, doz $1.00.

MANETTIA VINE

A charming and profuse flowering climber, producing tubular flowers from 1 to 2 inches in length, the plant being literally covered with them the entire season. The coloring of these flowers is gorgeous in the extreme, being a flame color tipped with bright yellow. 15c each, 2 for 25c.

Manettia Vine

RUELLIA LONGIFLORUM

The Christmas Coral Plant—A splendid red flowering plant. It is not only useful as a winter-blooming plant, it comes in well for planting out in spring, blooming satisfactorily during the summer. 25c each.

The Wonder Lemon

THE WONDER LEMON

In this wonderful Lemon we have the rich glossy leaves like the Dwarf Orange, which are so easily kept clean. Its blossoms are waxy white, like a tuberose, and as fragrant as orange blossoms, producing fruit five times as large as the ordinary Lemon, The Wonder Lemon must take a place in every good collection of house plants. 40c each.

FINE FERNS

We can supply a very choice selection of Ferns, such as Adiantums, Pteris, Davallia Stricta, and many others, specially suited for indoor culture, which we offer at 25c each, $2.50 per doz postpaid.

Boston Fern—Long graceful fronds, eighteen to twenty inches, hardy; increases rapidly; you can soon "give a slip" to ten friends. Each 25c postpaid. Larger plants 50c, 75c and $1.00, by express.

The New Boston or Sword Fern (*Nephrolepis Piersoni*)—A sport from the well-known Boston Fern, differing from it in that the pinnae of the Boston Fern frond is sub-divided into separate pinnae making each a perfect frond. It has a beautiful feathery appearance when a mature plant and is liable, in time, to entirely supplant the common Boston Fern as a decorative house-plant. Each $1.00.

Boston Fern

PELARGONIUMS (Lady Washington Geraniums)

These are the Royal George or Lady Washington Geraniums of old times and which are now becoming as popular as ever again, and certainly nothing is showier as a pot plant for summer. We offer a number of the choicest kinds embracing all shades of color.

Alfred Henderson — Deep pink marked maroon, vigorous grower, blooms profusely.

Captain Raikes—Rich deep red, semi-double.

Bridegroom—Lavender pink with larger blotches.

Dr. Andie — Clear reddish pink, maroon spots.

Emperor—Very light pink, spotted crimson.

Madame Thibaut—White, richly blotched and marbled with rose, upper petals heavily ruffled, giving it a double appearance.

Victor—Clear red, blotched maroon, very fine.

White Queen—White, lightly feathered purple.

Any of the above each 15c.

PETUNIAS DOUBLE

A fine assortment of the best sorts of all colors. Each 15c, 2 for 25c, doz $1.40.

Pelargonium

Swainsonia Galegifolia

SWAINSONIA GALEGIFOLIA ALBA

A most desirable ever-blooming plant, with pure white flowers produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a Sweet Pea. As a decorative plant for the window or conservatory we know of nothing that will give as much satisfaction as the Swainsonia. 15c each, 2 for 25c.

RUBBER PLANTS

Ficus Elastica—The well known India rubber tree, one of the very best for table or parlor decoration.

4-inch pots, 10-12 inches high..$0 65
6-inch pots, 18-24 inches high.. 1 25

PALMS

Specially Grown for House Culture

Latania Borbonica—(*Fan Palm*)—This fine palm is too well-known to need any extended description, its strong constitution and other grand characteristics render it one of the most popular Palms grown.

FINE PLANTS

4-inch pots, 5 to 6 leaves.....each	$0 50
6-inch pots, 5 to 6 leaves, 18 to 20 inches high.....	1 25
8-inch pots, 6 to 7 leaves, 28 to 30 inches high.....	2 50
Specimen plants, 7 character leaves, 36 inches high.....	4 50

Kentia Belmoreana

Rubber Plant

Kentia Belmoreana—The Kentias are among the best of the Palm species for general cultivation, being almost impregnable against diseases. The variety shown in the engraving is one of the best in its class, graceful habit, bright green foliage, gracefully disposed; as a decorative plant for the window, table or conservatory, it scarcely has an equal, (See cut.) Price, from

3-in. pots, 5 leaves, 12 to 15 in. high.....$0 40
4-in. pots, 5 to 6 leaves, 15 to 18 in. high..... 0 75
5-in. pots, 5 to 6 leaves, 18 to 20 in. high.....$1 25
6-in. pots, 6 to 7 leaves, 28 to 30 in. high..... 2 00
7-in. pots, 6 to 7 leaves, 30 in. high..... 3 00

Cocos Weddelliana

Cocos Weddelliana—The most elegant and graceful of all the smaller Palms, as they are of slow growth and maintain their beauty for a long time. 40c each.

ANNUALS

We can supply the following Annuals, grown from our own Select Seed. Good strong plants,

ASTERS PHLOX MARIGOLDS VERBENAS
BALSAMS ZINNIAS STOCKS
PETUNIAS SNAPDRAGONS

Per doz 20c, postpaid. Larger quantities, price on application.

NEW ROSES

New Hardy Yellow Rose Soleil D'Or (Golden Sun)

New Hardy Yellow Rose Soleil D'Or

(Golden Sun)

Soleil d'Or (or "Golden Sun" is the result of a cross between **Persian Yellow** and **Antoine Ducher**. It retains a good deal of the character of the former in the wood and bark, but the foliage is vastly improved, being very plentiful, large, and a beautiful clear green, closely resembling that of the Crimson Rambler at its best. The habit of the plant is robust, producing vigorous shoots in abundance, branches straight and of good size; the bark is reddish brown, making a charming contrast for the vivid green foliage. The coloring of the flowers is very rich, the buds are conical, a marvellously rich shade of chrome yellow with a glint of coppery rose in the centre. The expanded flower is full, large and globular, the centre petals being well incurved, forming a perfectly double bloom. The coloring in the fully expanded flower is gloriously superb, Turneresque in its blending of reddish gold, orange yellow, nasturtium red and opaline pink. Words are inadequate to fittingly describe the almost riotous luxury of rich, warm color, contained in each bud and open flower. **A Hardy Yellow Rose**, one that is really hardy in the North in this country, has been the goal for which the world's best hybridizers have been striving for years. Thousands of seedlings have been obtained in which the blood of the **Persian Yellow** was present, but none was of sufficient merit to offer, when at a bound this perfect variety appears upon the stage amid the enthusiastic applause of all who have seen it. This rose is not grown on its own roots; all the plants are budded on briar stock.

Price, strong two-year-old plants, 40c each, 3 for $1.00.

HARDY TEA ROSES

That will produce a mass of Roses to cut from the entire season

Augusta Victoria—Large creamy white flower, shading deeper towards the centre.

W. A. Richardson—Orange yellow, entirely new shade, very desirable.

Hermosa — Undoubtedly the best pink bedding rose in cultivation.

Mme. Caroline Testout — A magnificent rose equally valuable for summer or winter blooming; flowers full, very large, globular form, color clear satin rose, very fragrant. This variety resembles Lafrance, but its color is more deep, vivid and brilliant.

Maman Cochet—It is an extra strong, clean, vigorous grower, producing its charming buds and flowers in the greatest profusion. Its color is of a deep rose pink, the inner side of petals silvery rose. They are borne on long stout stems, very double and simply exquisite when in bud or half bloom,

Papa Gontier—One of the finest Roses either for out of doors or for winter forcing; dark carmine crimson.

Strong 2-year-old bushes 40c each, 3 for **$1.00**; **$4.00** doz.

Best White Ever-Blooming Garden Rose, Augusta Victoria

HALF HARDY TEA OR EVER-BLOOMING ROSES

These roses are of great substance, with remarkably long, handsome buds and shell-petaled flowers of most exquisite soft shades and distinct tea-like fragrance. Largely grown in pots for winter blooming, Our roses are from summer propagations and are thus tough, vigorous, well-rooted and hard.

Marion Dingee—One of our best dark colored ever-blooming bedding roses. Flowers of good size; perfect cup-shaped and borne in profusion; color deep crimson, changing to carmine in the matured flower.

Snowflake—This variety is never out of bloom, and for a pure white bedding rose its equal is hard to find.

Clothilde Soupert—Color French white, deepening to rosy blush in the centre; one of the freest-flowering roses in cultivation, being in bloom all the time.

Hermosa—Light pink, large, full and double; profuse bloomer; one of the best roses for the house.

Marie Guillot—One of the standard varieties of tea roses. Especially desired for summer Rose beds; color pure white, often tinted pale yellow.

Pink Soupert—This is a worthy companion plant for Clothilde Soupert, throwing up cluster after cluster of deep, rich pink flowers.

Maman Cochet—An extra strong grower, producing its large buds and flowers in the greatest profusion; color deep rose pink, inner side of petals silvery rose. Borne on long stiff stems; very double when in bud.

Each 15c, 2 for 25c. The set of seven for 80c, postpaid.

NEW ROSE "GRUSS AN TERLITZ"

The reddest of all red roses. It is a rose for everybody, succeeding under the most ordinary conditions, blooming continuously all summer. In color it is of the richest scarlet, shading to a velvety crimson as the flowers mature. Flowers are of large size both in the bud and when open, full and double; very fragrant; a free strong grower and a most profuse bloomer. The foliage is extremely beautiful, all the younger growth being of a bronzy plum color.

Strong plants 40c each, 3 for $1.00.

NEW CLIMBING MOSS ROSE "CUMBERLAND BELLE"

A sport from that pretty Moss Rose Princess Adelaide, itself a strong, vigorous grower, which is wonderfully developed in the offspring, the original sport the first season having attained a height of over 15 feet and had 118 buds and flowers on it at one time. In color it is identical to the parent, a bright silvery rose, very double; the buds nicely mossed and exquisitely fragrant. Altogether a most unique and desirable acquisition.

Strong plants 40c each, 3 for $1.00.

Special Offer

ONE EACH OF THE THREE NEW ROSES — Gruss an Teplitz, Cumberland Belle, Soleil D'Or — For **$1.00**

HARDY ROSES

LOW BUDDED ON BRIAR STOCKS

The illustration shows the character of the plants we supply; also the method of planting and pruning them after being planted. If planted as shown in the illustration, these Roses, although budded, will emit roots where the true Rose joins the briar stock, and will eventually become established on their own roots. The great value of these budded Roses lies in the fact that they produce better flowers and make stronger plants in a shorter period than those grown from cuttings; and the advantage is, that having no soil on the roots, *and being dormant* they are of little weight and can be sent cheaply by post or express.

Hybrid Perpetual Roses

Alfred Colomb—A splendid rose; large, globular, full and very sweet; bright, clear cherry red, shaded with crimson.

American Beauty—The flowers are very double, of a deep crimson color, and very fragrant.

Baron de Bonstettin—Dark red, almost black; very large, double fragrant flowers; a strong grower.

Baroness Rothschild—A magnificent rose, color rich satiny pink.

Captain Christy—A lovely rose, blooming almost the entire season; very large double buds of deep flesh color.

Captain Hayward—Bright crimson carmine, an entirely distinct shade of color, of perfect form and very sweet.

Coquette des Blanches—Pure white, large and globular.

Duchess of Albany—Rich deep pink.

Fisher Holmes—Rich velvety crimson, large double, and of fine form.

General Jacquimenot—Brilliant scarlet crimson.

Gloire de Margottin—Dazzling scarlet.

John Hopper—Bright rose, carmine centre, flowers large, cupped.

Jules Margottin—Bright carmine, cupped, very fragrant.

La France—Splendid satin rose; large, fine form; a constant bloomer.

Louis Van Houtte—Dark velvety crimson, of good form.

Marshal P. Wilder—Cherry carmine, large, full, semi-globular flower.

Mabel Morrison—Pure white, in autumn faintly flushed with pink, a lovely and distinct rose.

Madame Augustine Quinoisseau, or White Lafrance—A beauty indeed, identical with "La France" except the color, which is pearly white sometimes tinted with fawn.

Marchioness of Londonderry—Ivory white petals, of great substance, shell-shaped and reflexed, highly perfumed.

White Lafrance

Madame Gabrielle Luizet—Fine satiny rose, very large and full.

Magna Charta—Bright pink, suffused with carmine; a beautiful rose; strong vigorous grower.

Margaret Dickson—The flowers are of the purest white, of extra large size and of immense substance; vigorous grower with fine foliage.

Merveille de Lyon—Pure white, shaded with satiny rose.

Mrs. John Lang—Delicate pink, with satiny tinge.

Paul Neyron—Very large dark red; an old favorite.

Prince Camille de Rohan—Deep velvety maroon, shaded scarlet.

Ulrich Brunner—Large bright cerise red.

White Baroness—Pure white.

Yellow Persian—Bright golden yellow, hardy rose.

Extra heavy two-year-old bushes 30c *each*, 4 *for* $1.00, *doz.* $3.00.

Special quotations on larger quantities.

Hardy Rose—Paul Neyron

Damask Roses

These four old Roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness, and the abundance of flowers they produce make them indispensable.

Cabbage, or Provence—Rosy pink flowers.

Madame Hardy—Beautiful large double white flowers.

Madame Plantier—Pure white, and a free bloomer; unrivalled for hedges or cemetery use.

White Provence—Pure white, delightfully fragrant.

Strong two-year-old bushes, 35c each; the set of 4 for $1.25.

Hybrid Perpetual—Margaret Dickson

Hardy Climbing or Pillar Roses

Climbing or Pillar Rose—

The following list comprises the best of the hardy Roses, which are of climbing habit, and suitable for training on pillars, verandas, etc.

Reine Marie Henriette (Red Gloire de Dijon)—Rich cherry crimson.

Sweet Briar—True old English, rosy pink.

Williams' Evergreen—Good size, bright pink, very attractive.

Prairie Belle—Deep red, full and double, strong grower.

Baltimore Belle—Blush, white flowers in clusters, very double.

American Rubra—Rich cherry crimson, one of the finest.

Alpino Calippo—Purplish crimson, semi-double.

Madame Sancy de Parabere—Large scarlet flowers, vigorous grower.

Stong two-year-old bushes, plants 35c, each. $3.60 doz.

RUGOSA ROSES

The lovely Ramanas or Rugosa Roses form sturdy bushes 3 to 5 ft. in height covered with glossy foliage, and clusters of beautiful single flowers, which emit a delightful odor. They bloom nearly the whole summer, and are covered during autumn and winter with red seed pods.

Rugosa—Fine glossy crimson.

Rugosa Alba—Pure white.

Extra strong plants 40c each, $4.00 doz.

Moss Roses

A class of Roses which is a general favorite. The beauty of the flowers consists in the delicate mossy covering which surrounds the bud, and which gives to the opening flower a unique appearance. The varieties listed comprise the best of this section, and are all perfectly hardy.

Blanche Moreau—Lovely pure white, large and full.

Crested Moss—Deep pink, crested.

Glory of Mosses—Color rich glossy pink, tinged crimson.

Salet—Bright pink, blush edge, large and full, mossy.

Mrs. Wm. Paul—Clear rosy.

Strong two-year-old flowering bushes 30c each; set of 5, $1.25.

Lord Penzance's Hybrid Sweet Briars

Lord Penzance's Sweet Briars

These are crosses between the Common Sweet Briar and various *old fashioned* Garden Roses; the flowers are single or semi-double. The plants perfectly hardy, and the foliage is as sweetly scented as the Common Sweet Briar.

Amy Robsart—Lovely deep rose, an abundant bloomer, robust and free.

Anne of Gierstein—Dark crimson, graceful branching habit.

Lady Penzance—Beautiful soft tint of copper, with a peculiar metallic lustre; the base of each petal is a bright yellow, very free flowering, with a delicious perfume from foliage and flower.

Lord Penzance—Soft shade of fawn or ecru passing to the lovely lemon yellow in the centre, sometimes toned with a most delicate pink; very sweet-scented.

Lucy Ashton—Pretty white blooms with pink edges, not so large as some others, wonderfully free flowering; free grower, foliage very sweet.

We offer strong two-year-old budded plants of the above at 40c each, the set of 5 for $1.75, doz $4.00.

THE FOUR RAMBLERS

These climbing Roses are of vigorous growth, making shoots from 8 to 10 feet in height during a season, and are consequently most desirable climbing varieties; when pegged down or grown bushes, marvellous heads of bloom are the result. They are exceedingly hardy. The flowers are produced in large trusses of pyramidal form.

Crimson Rambler—Strong bushes at 25c each, $2.50 doz. Extra strong two-year-old bushes at 40c each, $4.00 doz.

Yellow Rambler (Aglaia)—Extra strong two-year-old bushes 40c each, $4.00 doz.

White Rambler (Thalia)—Extra strong two-year-old bushes 40c each, $4.00 doz.

Pink Rambler (Euphrosyne)—Similar in habit to the White and Yellow Ramblers except in color, which is a pure rose color, the partially open buds being bright carmine. The numerous yellow stamens lend an additional charm to the flowers. Strong two-year-old bushes 40c each, $4.00 doz.

SPECIAL OFFER—One each of the 4 Ramblers, extra strong bushes, for $1.40.

THE MEMORIAL ROSE (Rosa Wichuriana)

A beautiful single rose from Japan, blooms in clusters. Flowers fragrant, single, pure white, from 6 to 8 inches in circumference, with yellow stamens, followed in fall and winter with bright red fruit; prostrate trailing habit. Valuable for covering low walls, banks or rockeries, and for covering graves in cemeteries. It is perfectly hardy. Extra strong plants 40c each, $4.00 doz.

MARECHAL NEIL (Noisette)

Tender climbing rose so famous as to hardly need description. Beautiful large golden yellow; very full and double and exceedingly fragrant. It is a natural climber, and should not be pruned too short. Strong two-year-old plants each 60c.

The Grand Rose, Crimson Rambler

Yellow Rambler Climbing Rose

Moss Rose

Hardy Perennials

Achillea, The Pearl—The flowers, which are borne in the greatest profusion the entire summer on strong, erect stems, are of the purest white. Each 15c, 2 for 25c, doz $1.50.

Achillea, Serrata, fl. pl.—Same as Achillea, the Pearl, but flowers later. Each 15c, doz $1.50.

ACONITUM (Monkshood, or Helmet Flower)

All the varieties offered from bushy clumps, with spikes 3 feet long, of hood-shaped flowers, and are invaluable for planting under trees or in shady positions, succeeding better there than almost anything else.

Napellus-Large dark-blue flowers; August and September. (See cut).

15c each; $1.50 per doz.

ANEMONE JAPONICA

They commence to bloom in August and increase in beauty until frost.

Alba—Flowers of the purest white with yellow centre.

Rubra—Showy rose-colored flowers, with distinct yellow centre.

Double White "Whirlwind".—Excellent double white flowers, 2½ to 3 inches across, held up on stems 10 to 12 inches long. Very desirable for cut flowers.

Lady Ardilaun—Pure white, broad, heavy, overlapping petals.

Queen Charlotte—The finest of all the Japanese Windflowers, with large semi-double flowers of that pleasing shade of pink peculiar to the La France Rose, a color that is as beautiful as it is rare among hardy perennials.

Any of the above 20c each; doz $2.00.

Anthericum Liliastrum (*St. Bruno's Lily*)—A beautiful plant with narrow grass-like foliage; and long spikes of white, fragrant, lily-like flowers. Each 20c, doz $2.00.

AQUILEGIA (Columbine)

The Columbines are old favorite late spring and early summer blooming plants, growing about 2 feet high, that succeed in any ordinary garden soil. The varieties offered are a selection of the best kinds. (See cut).

Canadensis—Our native Columbine, bright red and yellow.

Crysantha (*Yellow Flowered Columbine*)—2½ feet high, forming a bush two or three feet across, which is covered for two months with golden yellow flowers with long spurs.

Skinneri—Scarlet, with greenish tips; very distinct.

Vulgaris—The European violet-blue sort.

Any of the above 15c each, 2 for 25c.

Arabis Alpina (*Rock Cress*)—Specially adapted for the rock garden, but succeeds equally well in the border, where it forms a dense carpet, which is completely covered early in the season with pure white flowers. Each 15c, doz $1.50.

Bleeding Heart (*Dielytra Spectabilis*)— These pretty spring bloomers, with their graceful drooping sprays of heart-shaped pink and white flowers, are very ornamental, and bloom freely in early spring. Each 15c, 3 for 40c, doz $1.50.

Bleeding Heart

CAMPANULA

Campanula Persicifolia—Semi-double, white flowers.

Campanula Persicifolia Moerheimi—New, very large white.

Campanula Pyramidalis—Blue and white.

Campanula—(*Canterbury Bells*)-Purple and white. Any of the above each 20c, doz $2.00.

CENTRANTHUS (Spurred Flower)

Coccinea (*Valerian*)—An old-fashioned hardy perennial plant, bearing numerous showy heads of pink flowers from June to August; 2 feet. 25c each.

Alba—A white-flowered form of above. 25c each.

Chrysanthemum Inodorum, pl.—Hardy species with finely cut foliage and pure white double flowers one or two inches in diameter. Flowering from June till frost. 15c each, 2 for 25c.

THE SHASTA DAISY

(Chrysanthemum Leucanthemum Hybridum)

Probably no hardy plant has ever been so highly spoken of as this production of Luther Burbank, the result of crossing our native field Daisy with some of the choicer European varieties, and bearing beautiful clear, glistening white flowers often over 4 inches in diameter, and in bloom continuously from early in summer until late in fall; perfectly hardy without protection, even in the most exposed location. 20c each, 3 for 50c, per doz $2.00.

Clematis Davidiana—A shrubbery plant from two to four feet high, with fresh, bright foliage. Flowers are long, tubular, bell shaped, of a deep lavender color, and of delicious fragrance. Each 20c, 3 for 50c, doz $2.00.

Correopsis Lanceolata — (See cut) — This golden Correopsis begins to flower early in June, and continues to flower until cut down by severe freezing weather; it is continually one mass of golden yellow. It is easily grown, perfectly hardy, and succeeds in any position; once planted takes care of itself. Large clumps, which will flower first season, 10c each, 3 for 25c, doz $1.00, per 100 $8.00.

Correopsis Lanceolata

Dianthus Plumaris (*Pheasant Eye Pink*)—Of dwarf, compact habit, blooming the entire summer; violet rose with deep crimson centre. Each 15c, doz $1.50.

Dictamnus Fraxinella—A very showy border perennial, forming a bush about 2½ feet high, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant, volatile oil, which explodes when a match is applied to it. Each 25c, doz $2 50.

Digitalis or Foxglove

Perennial Larkspur

Delphiniums (*Hardy Larkspur*)—The hardy Larkspurs are one of the most important and most satisfactory plants in the herbaceous garden, and should be planted extensively even in the smallest garden. Their long spikes of various shades of flowers are produced continuously from June until late in the fall, if the precaution is taken to remove the flower stems before they can produce seed. Each 15c, 2 for 25c, doz $1.50.

Digitalis (*Foxglove*)—Stately growth, fine for shrubberies and other half-shady places; three feet. Each 15c, 2 for 25c, doz $1.50.

Doronicum Excelsum-A strong growing perennial with large heads of bright yellow flowers 3 to 4 inches in diameter. Each 25c, doz $2.50.

Eulalia Japonica Zebrina (*Zebra Striped Grass*)—Variegated, having bars of yellow running crosswise, not longitudinally as in the ordinary form of variegation; easily grown. Each 20c, doz $2.00.

Eulalia Japonica, Variegata — The long blades of this variety are striped green, white, and often pink or yellow, flower stalks 4 to 6 feet high. It makes a very attractive specimen plant for the lawn. Each 20c, doz $2.00.

Funkia Alba (*Day Lily*) — Pure white lily-shaped, fragrant flowers, borne in large clusters. Each 20c, doz $2.00.

Funkia Grandiflora Variegata—Green and white, variegated foliage with purple flowers. 20c each, 3 for 50c, $2.00 per doz.

Gypsophila Paniculata (*Baby's Breath*)—A beautiful old-fashioned flower, possessing a grace not found in any other perennial. When in bloom it forms a symmetrical mass of minute pure white flowers, forming a beautiful gauze-like appearance. For cutting purposes it is exquisite, especially in combination with high colored flowers. 20c each, 3 for 50c, doz $2.00.

Columbine or Aquilegia

Gaillardia Grandiflora—(See Illustration)—The flowers are large, very numerous, produced on long stems and excellent for cutting, and of the most gorgeous coloring. The centre is dark red brown, while the petals are variously marked with rings of brilliant scarlet, crimson, orange and vermillion, and often a combination of all these colors in one flower. Each 10c, 3 for 25c, 12 for $1.00.

Heuchera Sanguinea — About two feet high. The flowers are produced in loose, graceful spikes, and come in the greatest profusion. In color it varies from light coral red to crimson. Each 20c, 3 for 50c, doz $2.00.

Hemerocalis Flava *(Lemon Lily)* — Lemon colored flowers, excellent for planting among shrubbery.

Hemerocalis Dumortieri — Dwarf Day Lily, deep yellow.

Hemerocalis Kwanso, fl. pl.—Double orange Day Lily.

Hemerocalis Middendorfii—Low growing golden yellow.

Any of the above 20c each, 3 for 50c.

Gaillardia Grandiflora

IRIS (Fleur-de-Lis)

Japan Iris (*Iris Kœmpferi*) —In beauty, size of flower, and richness of coloring, these Irises are grand, the flowers averaging from 6 to 8 inches across, the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue. A golden yellow blotch, surrounded by a halo of blue or violet, at the base of petals, intensifies the wealth of coloring. The Japan Iris is perfectly hardy.

Japan Iris, Named Varieties—Price 20c each, 3 for 50c, doz $2.00.

Japan Iris, Mixed Varieties—Strong roots 15c each, 3 for 40c, doz $1.50.

Iris Germanica — German Irises are certainly unparalleled for beauty; nothing in creation can vie with them unless the orchids from the tropics. Every shade of color may be found among them, and they will thrive in almost any soil without any care whatever. Strong roots 10c each, 3 for 25c, 80c doz.

Iris Florentina—One of the earliest of the Iris family to bloom. Large flowers of a rich creamy white sometimes shaded violet. 10c each.

Helianthus Multiflorus, fl. pl. (*Double Hardy Sunflower*)—An extremely useful, hardy plant. It bears profusely large double flowers of a bright yellow color. Each 15c, doz $1.50.

Hibiscus Crimson Eye (*Perennial Mallow*) —The flowers are 6 to 8 inches in diameter, and vary in color from pure white to deep rose. The plants grow from 5 to 8 feet high and form dense bushes, which are a complete mass of bloom. Each 20c, 3 for 50c, doz $2.00.

Hypericum Moserianum — A new evergreen shrub 2½ feet high, which is covered with large flowers from May until fall. They are about 2½ inches in diameter, of the richest pure golden yellow, while the petals are of great substance. It is really an ever bloomer. Each 20c, 3 for 50c, doz $2.00.

Helianthus Multiflorus, fl. pl.

Chinese Pæony

Pæonia Tenufolia

Double Chinese Paeonies

These great big-hearted flowers of June are coming again to be as much liked as they were by our grandfathers. They grow from 1 to 3 feet high, producing the most magnificent blooms, which sometimes almost surpass the beauty of the rose. Another point which is largely in their favor, is the fact that the plants are never attacked by either insects, animal or fungous disease. Pæonies will succeed in most any kind of soil, but give best results when planted in a deep, rich and somewhat moist loam.

NAMED VARIETIES

Agida—Rich and glowing dark red.

Baron Rothschild—Bright rose pink.

Beaute Francaise—Beautiful clear red.

Duchess D'Orleans—An extra fine large salmon pink.

Edulis Alba—A grand white, large in size, splendid full flower, exceptionally free in bloom.

Festiva Alba—A fine large pure white.

Humea Carnea—Large rose with flush centre.

Miranda—Deep rose, a fine full flower.

Modeste Guerin—Bright cherry rose.

Pottsii—Deep rose, late flowering.

Prolifera Tricolor—White with yellow, extra fine flower.

Purpurea Superba—Flowers brilliant glowing crimson.

Rosea Superba—Fine full rosy pink, extra choice flower.

Victoire Modeste—Rosy white, very pretty.

PRICE—Strong Roots of any of the above 25c each, $2.50 per doz; $18.00 per 100.

Set of one of each of the entire Collection, 14 Varieties, for $2.80.

PÆONIES IN SEPARATE COLORS

Double White—Each 25c, 5 for $1.00, doz $2.00, 100 for $15.00.

Double Pink—Each 25c, 5 for $1.00, doz $2.00, 100 for $15.00.

Double Crimson—Each 25c, 5 for $1.00, doz $2.00, 100 for $15.00.

Pæonia Officinalis—This type is one of the earliest to flower, coming in fully a week earlier than the general list of herabaceous sorts. We offer two distinct colors. All are strong growers and produce very large blooms. **Rubra**—rich crimson; **Alba**—blush white. 30c each, $3.00 doz.

Pæonia Tenuifolia—Interesting and handsome, not only on account of their rich crimson flowers, which resemble in color the Gen. Jacquiminot Rose, but the fine feathery foliage makes them a handsome ornamental plant, even if they never produced a flower, always scarce and much sought after. (See cut.) **Double Flowering.**—30c each, $3.00 doz.

JAPANESE TREE PÆONIES—The Tree Pæonies (*P. Moutan*) differ from the herbaceous varieties in their growth, which is in the form of a dwarf shrub; they are equally free-flowering, and commence blooming about three weeks earlier than the double herbaceous sorts, and while also perfectly hardy they are benefited by slight protection through the winter. Strong plants each 75c, per doz $9.00.

HOLLYHOCKS DOUBLE—Hollyhocks are among the finest permanent garden plants, making a great display with little or no care. Double White, Yellow, Pink, Crimson, and Scarlet. Price for two-year-old plants 20c each, doz $2.00. We can also supply good plants at 15c each, 4 for 50c. $1.50 per doz.

Lychnis Semperflorens—Ever blooming light pink.

Lychnis Vespertina—Large double white, profuse bloomer.

Lychnis Viscaria—Double red (Ragged Robin).

Lychnis Viscaria Grandiflora Alba—Double white.

Any of the above 20c each, doz $2.00.

MYOSOTIS (Forget-me-not)

Palustris Semperflorens—A variety that is hardly ever out of flower; useful on the rockery or in a shady spot on the border. 20c each, doz $2.00.

PENTSTEMON GENTIANOIDES

Graceful in growth, while the elegant beauty of their pyramidal spikes of the large Gloxinia-like flowers elicits the admiration of all. 20c each, $2.00 doz.

Iceland Poppy

ICELAND POPPIES

These Poppies range in color from the purest satiny white and yellow to the deepest glowing orange-scarlet, and have a delicious lilac-like fragrance, blooming from June to October. Mixed colors, each 15c, doz $1.50.

ORIENTAL POPPY

Large flowers, 6 inches across, of the brightest imaginable scarlet, height 3 to 4 feet. 20c each, $2.00 doz.

PHLOX

Their large and very brilliant trusses of beautiful flowers comprise all shades of color, from white to crimson, striped and mottled. Divide and replant in freshly prepared soil each alternate year. They delight in sunny situations, and a rich soil.

Auguste Revier—Reddish salmon.

Perennial Phlox

Berthe—Purplish crimson.

Champs Elysee—Rich purplish crimson.

Changy — Rich rose, dark centre.

Coquelicot—Light red, brightest of all.

Cross of Honor — Striped pink and white.

Edgar Quinet—Rich salmon red

Jeanne D'Arc—Late flowering, pure white.

Jourdain — Purplish rose.

L'Esclairmond—Lilac, mottled white.

Mad. Laisson—Blush.

Mattie Stewart—White with rose eye.

Richard Wallace — White with purple centre, fine.

Ruy Blas — Purple.

Sir Edwin Landseer—Very fine, rich crimson.

Virgo Marie — White, early.

Each 15c, 6 for 75c, doz $1.50.

Phlox Amœna—A dwarf-growing species, attaining a height of only 6 inches, completely covered with bright pink star-like flowers during April and May. 15c each, $1.50 doz.

GARDEN PINKS

Albino—Large white.
Alice Lee—Cream or blush white.
Her Majesty—Extra fine white.
Homer—Rosy red, dark centre.
Souvenir de Sale—Rich Pink.
Brunette—Deep crimson.

Each 15c, 4 for 50c, doz $1.50.

PYRETHRUMS

Double— Hardy Chrysanthemums in beautiful double varieties. Each 25c, doz $2.50.

Single—Hardy Chrysanthemums in beautiful single varieties. Each 25c, doz $2.50.

Uliginosum (Giant Daisy)—Pure white Aster-like flowers, about three inches in diameter. Each 20c, doz $2.00.

Spirea Filipendula, fl. pl.

RUDBECKIA "Golden Glow"

Attaining a height of 4 to 6 feet. It begins to flower early in the season and continues until late in the fall. The flowers are produced in enormous quantities on long stems and resemble a fine double golden-yellow Cactus Dahlia. 15c each, 4 for 50c, $1.50 doz.

SPIREA FILIPENDULA fl. pl.

Numerour corymbs of double white flowers and pretty fern-like foliage. Each 20c, 3 for 50c.

SWEET WILLIAM

Mixed colors. Each 15c, doz $1.50.

THALICTRUM ADIANTIFOLIUM

(*Maiden Hair Thalictrum*)

A beautiful plant rivalling the Maiden Hair Fern in the delicacy of its foliage, but hardy. Each 25c, doz $2.50.

TRITOMA PFITZERII (The Everblooming Flame Flower)

The freest flowering variety in cultivation, with spikes from 3 to 4½ feet high and heads of bloom over 12 inches long of a rich orange-scarlet, shading to salmony-rose at edges, producing a grand effect whether planted singly in the border or in masses or in beds of a dozen, a hundred or in thousands. 20c each, 3 for 50c, $2.00 per doz, $15.00 per 100.

TRITOMA UVARIA

Often called the "Torch Lily" or "Red Hot Poker," on account of its dense spikes of flame-colored flowers. It blooms in August, and is very striking when planted singly on the lawn. Each 20c, 3 for 50c, doz $2.00.

VALERIANA OFFICINALIS (Garden Heliotrope)

Large trusses of lavender flowers, three feet high. Each 25c, doz $2.50.

VIOLET, CALIFORNIA

The finest single violet. The flowers, which are very large, are borne on long stout stems, which makes it especially valuable for cutting: they are very fragrant and of a clear violet purple color. Plants 15c each, $1.50 doz.

VIOLET, DOUBLE RUSSIAN

A perfectly hardy double blue violet, deliciously fragrant, deep in color and very free flowering. Each 15c, doz $1.50.

VIOLET, SWANLEY WHITE

Large double, pure white. Each 15c, 4 for 50c, $1.50 doz.

California Violet
(These are the best for outdoors)

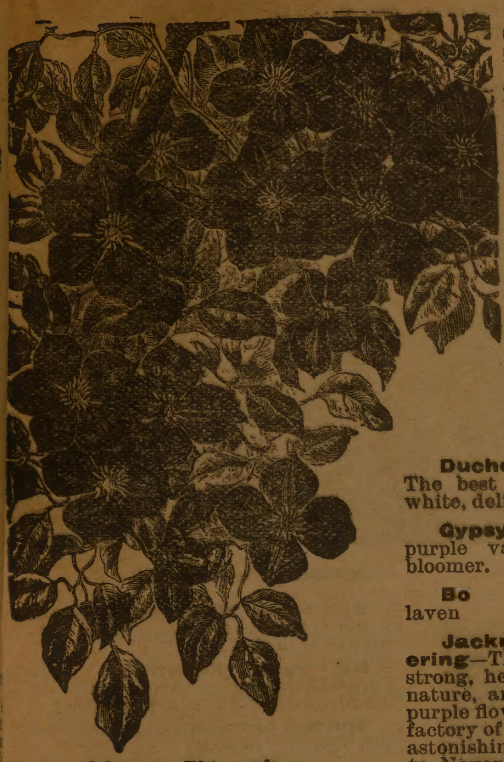
SPECIAL OFFER OF

6 Good Perennials

Correopsis Lanceolata
Perennial Phlox
German Iris
Gaillardia Grandiflora
Columbine or Aquilegia
Chinese Pæony

ONE PLANT EACH 80c. POSTPAID

CLEMATIS



Type of Large Flowering Clematis

Plant in a sunny spot in good garden soil dug very deep. We recommend the application of well-rotted manure in holes a few inches away from the plant in opposite directions. The feeding roots reach out to these holes, which may be watered freely, with better success than when the manure is applied directly to the base of the plant.

Large Flowering Varieties

Henryi—Creamy white, large and handsome.

Duchess of Edinburgh—The best of the double pure white, deliciously scented.

Gypsy Queen—Very finest purple variety; strong, free bloomer.

Bo op Seedling—Large laven

Jackmani, Large-Flowering—This variety with its strong, healthy growth, hardy nature, and rich, deep velvety purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion from July to November on shoots of the present season; should be pruned early in the spring.

Jackmanni Alba—Fine pure white.
Lawsoniana—Purple, darker veins.
Madame Van Houtte—White, fine.
Mad. Baron Veillard—Light rose, shaded lilac.
President—Satin blue.

EACH 60c, PER DOZ. $7.00.

Fragrant and Small-Flowered Clematis

Clematis Paniculata

PANICULATA (Sweet-Scented Japanese Clematis)—A vine of very rapid growth, quickly covering trelises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. These flowers appear in late September, at a season when very few other vines are in bloom, being an added merit of great consequence. Good strong plants, each 25c, 5 for $1.00; 3-year-old plants, each 50c, doz $5.00.

Flammula "Fragrant Virgin's Bower"—This is an old and well-known species; flowers pure white, deliciously fragrant. The plants attain the height of 20 feet, and when trained on trellis work, and in full bloom, look like a mass of snow; hardy. Each 30c, per doz $3.00.

Clematis Virginiana—A rapid, strong-growing variety, producing a profusion of white flowers during July and August. Each 30c, 4 for $1.00.

Clematis Coccinea—A very handsome, hardy climber, bearing thick bell-shaped flowers of a bright coral red color; blooms with wonderful profusion from June until frost. Each 60c.

Clematis Crispa—A very beautiful species, bearing an abundance of pretty bell-shaped, fragrant, lavender flowers with white centre. Blooms from June until frost. Each 35c, 2 for 60c.

AKEBIA QUINATA

A perfectly hardy, fast-growing Japan vine, with magnificent foliage, producing flowers in large clusters of chocolate purple color, possessing a most delicious perfume; unsurpassed for covering trellises and verandas, the foliage never being attacked by insects. Each 50c.

HARDY PASSION FLOWER

Constance Elliott—An excellent climbing vine. The flowers are large, remarkably handsome and attractive, highly perfumed. Color pure ivory white with raised centre. Hardy in open ground if given a light covering of leaves or litter during the winter. Each 25c, doz $2.50.

PLEASE NOTE—Our Climbers are not rooted Cuttings, but strong field-grown vines.

Honeysuckle

BIGNONIA

(Trumpet Creeper)

For covering unsightly places, stumps, rock-work or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, borne profusely when the plant attains a fair size.

Grandiflora—Large flowered Trumpet Creeper, bearing blooms of orange red color. Each 50c.

Radicans—Dark red, orange throat; free blooming and very hardy. Each 40c, 3 for $1.00

HONEYSUCKLES

Monthly Fragrant (Halleana)—Beautiful variegated flowers; blooms all the summer. Strong plants each 50c.

Scarlet Trumpet—A strong, rapid grower; bright scarlet flowers, blooms all the summer. Strong plants each 50c.

Yellow Trumpet—A very robust rapid grower; yellow flowers, blooms all the summer. Strong plants each 50c.

Bignonia Radicans

CHINESE WISTERIA

This is one of the most popular of our hardy vines, growing very rapidly, climbing to a height of 50 feet or more; when in bloom is truly magnificent. It flowers in early spring in long, drooping racemes, resembling in size and shape a bunch of grapes.

Blue—Flowers in clusters, pale blue, sometimes gives a second crop of flowers in fall. Strong plants each 50c.

White—Flowers in long drooping clusters, as in blue varieties, pure white color, most striking. Strong plants, each 50c.

ARISTOLOCHIA SIPHO

Dutchman's Pipe—A vigorous growing vine with heart-shaped leaves and curious pipe-shaped flowers; one of the very best climbing vines known. Hardy, rapid grower, best for porches, verandas, and sides of dwellings. 1st size, each 50c, doz $5.00; 2nd size, each 30c, doz $3.50.

Aristolochia Sipho

ENGLISH IVY

A splendid evergreen, well-known climber, glossy green leaves, cling firmly to stone or brick walls. Each 25c, doz $2.50.

JACK-AND-THE-BEAN-STALK-VINE

Pueraria Thunbergiana, or Japanese Kudzu Vine—The most rapid-growing vine in cultivation, attaining, after once being established, a height of 50 feet or more in one season. Its foliage is large and furnishes dense shade; it bears small racemes of rosy-purple pea-shaped blossoms toward the close of August. 40c each, 3 for $1.00.

Ampelopsis Veitchii (Boston Ivy)

BOSTON IVY

Ampelopsis Veitchii (Boston Ivy)—This very attractive clinging vine will be readily recognized by our readers when we remind them that its glossy ivy leaves overlap each other, and its long delicate young shoots stretch up the stone walls of our finest city residences. The tendrils at nearly every joint cling firmly to the smoothest surface of rock or wood. The glossy leaves assume in Autumn the most beautiful tints of scarlet and crimson. It is quite hardy, but some protection of straw may well be used immediately around the plant in winter. We quote many sizes. Small plants 20c, 3 for 50c, 7 for $1.00; strong plants 40c, 3 for $1.00, doz $3.75.

VIRGINIA CREEPERS

A very well-known rapid-grower; like the Bignonia and Ivy it throws out roots at the joint, by which it fastens itself to anything it touches. Small plants 20c; large, strong plants 40c, doz $4.50.

ORNAMENTAL SHRUBS

Positively no Shrubs or Ornanental Trees sent out C. O. D.
Price extra strong Shrubs each 50c, doz $5.00

Lilac Blossom

Almond, Dwarf Double Flowering (Amygdalis)—Well known, covered in spring with pink flowers like double roses; showy.

Azalea, Mollis—A beautiful species from Japan, with large flowers of various shades of yellow, orange, carmine, etc. Strong plants to bloom the first year.

Barberry, Purple-leaved (*Berberis Vulgaris purpureus*)—A handsome variety with purple foliage very ornamental and distinct.

Burning Bush (*Euonymus Europeus*) — Pods covered with scarlet seeds during autumn and winter

Chionanthus Virginica (*White Fringe*) — A tall-growing native shrub, blooming profusely in June. The singular flowers resemble bunches of white silken fringe hung gracefully among the foliage.

Clethra Alnifolia (*Sweet Pepper Bush*)—White fragrant flower spikes.

Deutzia, Gracilis—Slender branches, pure white flowers.

Deutzia Crenata—Double white flowers tinged red.

Exochordia Grandiflora (*Spirea*)—A vigorous-growing shrub, forming a neat, compact bush 10 to 12 feet high; can be trimmed into any desired shape. The flowers are borne in slender racemes of 8 to 10 florets each, on light and wiry branches that bend beneath their load of bloom, it is perfectly hardy, flowers pure white.

Spiræa Van Houttei

Filbert, Purple-leaved — Remarkable purple leaves, distinct and fine.

Fringe, Purple, or Smoke Tree (*Rhus Cotinus*) — Has very curious bloom, which, when covered with dew, resembles a cloud of smoke or mist.

Golden Elder (*Sambucus nigra var. aurea*)—A handsome variety, with golden yellow foliage, a valuable plant for enlivening shrubberies.

Hydrangea Paniculata Grandiflora—This is the finest hardy shrub in cultivation, and endures heat and cold. The flowers, which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open, but gradually change to rose color and remain in good condition for weeks. Price, 1st size 75c, 2nd size 50c, 3rd size 25c.

Honeysuckle, Tree-shaped or Tartarian — Desirable shrubs with handsome dense foliage, and covered in May with profusion of delicate small flowers, followed by rich orange-colored berries.

Lilac, White, Red and Purple (*Syringa Vulgaris*)-Well-known handsome large shrubs. Flowers in clusters, exceedingly fragrant and beautiful.

Lilac, White Persian—Slender growing shrubs, more delicate and graceful than the above; white flowers, very handsome and fragrant.

Privet, Laurel-leaved—A handsome shrub, with spikes of white flowers in June, and clusters of black berries like currants; makes a beautiful hedge.

Prunus Triloba—A new large shrub from China, with slender branches and pink flowers in profusion.

Quince, Japan (*Pyrus Japonica*)—A shrub with spreading branches like the common Quince, but which presents a splendid appearance in May, when covered with large, brilliant scarlet flowers.

Hydrangea Paniculata Grandiflora

Spiræa, Anthony Waterer—Flowers bright crimson, finest of all crimson varieties.

Spiræa Prunifolia (*Bridal Wreath*)—Handsome shrub, white daisy-like flowers in May; one of the best.

Spiræa Eximea—Flowers a bright rose, blossoms in July.

Spiræa Van Houttei—Large clusters of white flowers hanging in graceful racemes.

Spiræa Bumaldi—Red, blossoms a long time.

Syringas (*Philadelphus or Mock Orange*) — Several kinds, well-known, hardy desirable shrubs, with handsome white flowers, some quite fragrant.

Syringa, Golden-leaved (*Philadelphus aurea*)—Pretty plant of medium size. Golden-yellow foliage; retains its color the entire season; valuable for creating contrasts with green and purple-leaved shrubs.

Snowball *Viburnum Sterilis*)—An old favorite spreading shrub; covered in June with handsome white flowers.

Chinese Snowball (*Viburnum Plicatum*)—From North China; has rich deep green foliage and pure white flowers; quite distinct from the common sort.

Snowberry (*Symphoricarpus Racemosus*)—Pink flowers in summer, large white waxy berries in autumn.

Weigelia Amabilis or Splendens—Resembles Rosea, leaves and flowers somewhat larger.

Weigelia, Variegated-leaved—Leaves variegated, flowers rose color.

Weigelia Van Houttei—A hardy, vigorous-growing sort, bearing a profusion of deep rose colored flowers in May and June.

Weigelia Rosea—A hardy handsome Chinese shrub, blossoming in June; flowers a beautiful blush, changing to a deep rose color.

ORNAMENTAL TREES

Upright Deciduous Trees

Ailanthus (*Tree of Heaven*)—Tall and rapid growing, feathery foliage.
Ash-leaved Maple—Hardy, rapid grower, leaves resembling the Ash.
American Sweet Chestnut—Unrivalled for its symmetrical form, rich, glossy foliage, and long pendant blossoms.
Black Walnut—Majestic form, foliage beautiful.
Butternut, or White Walnut—A fine, hardy tree, producing nuts.
Horse Chestnut—A well-known tree, with an abundance of flowers.
Hardy Catalpa—Rapid grower, with immense leaves, often measuring one foot in width by two feet in length. Suited to all soils.
European Larch—Rapid growing pyramidal tree; branches drooping.
Maiden Hair Tree—Rapid growth, rich, glossy, fern-like foliage.
Mountain Ash—Hardy; covered with clusters of scarlet berries.
Mulberry—A fine, rapid growing tree, with delicious fruit.
Oak-leaved Mountain Ash—Hardy, foliage simple, deeply lobed.
Poplars—Each 35c.
Silver Maple.—Norway Maple.—Sycamore Maple.
Thorn—Paul's Double Scarlet. Flowers large, deep carmine scarlet.
Thorn—Double white flowering.
Price, except where noted, 75c each, $7.00 doz.

Weeping Deciduous Trees

Cut-leaved Weeping Birch—Vigorous and hardy. Price $1.50. each.
Kilmarnock Weeping Willow—Exceedingly graceful, with large, glossy leaves; hardy. Price $1.00 each.
Weeping Mountain Ash—A beautiful tree, with straggling weeping branches. Price $1.00.

Weir's Cut-leaved Maple—A variety of silver maple, with cut or dissected foliage. Price 75c each.

Hedge Plants

Privet—A handsome shrub, with spikes of white flowers, 18 to 24 inches high. Per doz $1.00, per 25 $1.50, $5.00 per 100.
Box, Dwarf—Used principally for borders and edging, for which purpose it is the best plant in cultivation. 15c each, $1.50 doz, $10.00 per 100.

Evergreen Trees

	Height	Price. Each	Doz	100
Arbor Vitae (*American*)—Commonly known as cedar; fine for hedges	12 to 15 in.	15c	$1 50	$10
Arbor Vitae (*Pyramidalis*)-Tall and compact	20 to 24 in.	35c	3 75	...
Arbor Vitae (*Hovey's Golden*)—Light green with golden tinge	20 to 30 in.	40c	4 50	....
Arbor Vitae (*Siberian*) — Very hardy, full foliage, fine for hedges	20 to 30 in.	40c	4 50	....
Arbor Vitae (*Globosa*)—Dense, globe-shaped, fine for cemeteries	15 to 18 in.	40c	4 50	....
Juniper (*Irish*)—Fine for pyramidal effects.	18 to 24 in.	35c	3 75	....
Juniper (*Japanese*) — Dwarf, dense light green foliage	24 to 30 in.	40c	4 50	....
Austrian Pine—Strong, hardy grower	24 to 30 in.	30c	3 00	....
Scotch Pine	15 to 20 in.	25c	2 50	....
Norway Spruce	12 to 15 in.	20c	2 00	12
" "	15 to 18 in.	25c	2 25	13
" "	18 to 24 in.	30c	2 50	14

Special prices on application for larger quantities

SIMMERS' SELECT LIST OF NURSERY STOCK

NOTE—*The risk of failure is the purchasers. We ship stock in good order, beyond which we have no further control.*

Positively no Trees Sent Out C.O.D.

STANDARD APPLES

STANDARD APPLES are intended for orchards, and are usually planted when 5 to 7 feet high. The varieties in this list can be recommended as THE BEST now in cultivation in Canada.

Summer Apples

Astrachan Red—Large, roundish, nearly covered with crimson and thick bloom; rich, acid; hardy tree, vigorous grower, good bearer. August.

Early Harvest—Medium to large size, yellow tender, with a mild flavor; a good bearer. August.

Tetofsky—A Russian variety, profitable for market growing; bears usually the second year; and bears every year; hardy as a crab; fruit good size, yellow, beautifully striped with red; juicy, pleasant, acid, aromatic. July and August.

Yellow Transparent—Rich, transparent lemon yellow color. Flesh melting, juicy, pleasant sub-acid. Ripens ten days earlier than Earliest Harvest. Price 80c each, $8.50 doz.

Autumn Apples

Alexander—Very large and beautiful, deep red and crimson; one of the most showy apples in cultivation, and very productive. Oct. and Nov.

Colvert—Large, with a handsome red cheek; rapid grower and hardy. November.

Duchess of Oldenburg—Large, beautiful, roundish, red and yellow; tender and juicy; bears young and profusely. Very hardy.

Fameuse—Commonly known as "Snow." Hardy. October and November.

Gravenstein—Large, striped, round; first quality. Hardy, productive and generally esteemed. October.

Haas Queen—Large, slightly conical, splashed and mottled with light red; flesh white, sub-acid. The tree is the fastest grower we have.

St. Lawrence—Large, red and yellow; crisp, vinous, tender; good. Free grower. October.

Twenty Ounce—Very large, showy, prolific, well-known. Price 80c each, $8.50 doz.

Winter Apples

Baldwin—Large, brown red, very prolific. Jan. to April.

Ben Davis—Vigorous, large, moderately juicy, sub-acid; the trees bear well. Dec. to Feb.

Ontario—A cross between Northern Spy and Wagener, possessing all the good qualities of the former with the early and profuse bearing of the latter. Jan., Feb. and March.

Wagener—Moderate grower, bears very young and profusely; yellow and crimson; juicy, sub-acid. January.

Golden Russet—Vigorous, medium, crisp, juicy, mild, sub-acid, hardy, very good, long keeper. Nov. to May.

King of Tomkins—A very large, red apple; tree grows and bears well. November to May.

Northern Spy—Vigorous and hardy, large, striped red, tender, juicy, mild, sub-acid. Late.

Mann—Medium to large; deep yellow, juicy, mild, pleasant, sub-acid; hardy. Good grower. January to April.

Pewaukee—Vigorous, hardy, bright yellow, with red; tender, juicy, sub-acid. January to May.

R. I. Greening—Large, green, fine grained, rich, sub-acid. A little tender in northern sections. Late.

Talman Sweet—Hardy and vigorous; medium; yellow, firm, rich, sweet. November to April.

Tulpehocken—Strong grower, productive, juicy, crisp, pleasant flavor; very large, globulas; yellowish green, dull red cheek. January to March.

Wismer's Dessert Apple—Fruit medium to large, smooth, round, beautifully colored with yellow, and shaded with bright red in stripes and blotches. Season winter, keeping well till March and later.

Sold only under originator's seal, $1.00 each.

Walbridge—Vigorous, hardy, productive, medium, size; yellow and red; crisp, juicy, good. January to May.

Wealthy—Free in growth and very hardy; large, dark red; juicy, vinous, sub-acid, good. December to March.

Price of the above 80c each, $8.50 doz.

CRAB APPLES

General Grant—A beautiful crab for ornament and preserving, and for eating out of hand. Color red; fruit is large, tender and juicy.

Hyslop—Vigorous, large, deep crimson, sub-acid. September.

Transcendent—Vigorous, medium, red and yellow, a beautiful variety of the Siberian class. Sept.

Whitney's Seedling—New, large, handsomely splashed with carmine, fine quality; heavy, yearly bearer. Sept. and Oct.

Price 50c, $5.50 doz.

STANDARD PEARS

STANDARD PEARS are grown upon Pear stocks and Dwarfs upon Quinces.

Summer Pears

Bartlett—Vigorous, large, yellow and red, juicy, buttery, with rich musky flavor; very good. Sept.

Brandywine—Free grower, medium size, yellow and russet, melting, juicy, good. August.

Clapp's Favorite—A cross between Bartlett and Flemish Beauty; fruit resembles the former.

Tyson—Medium, yellow and russet, melting, juicy, sweet, free, vigorous grower and good bearer. August.

Wilder Early—Handsome, delicious early Pear. August. Price 50c each, $5.50 doz.

Autumn Pears

Duchess D'Angouleme—One of the very largest Pears grown; greenish yellow, sometimes a little russeted. October and November.

Flemish Beauty—Large, beautiful, juicy, melting, rich, strong grower, good bearer. Sept. and Oct.

Kieffer—Large, rich, golden slightly course juicy, with pronounced Quince flavor. October and November.

Seckel—Medium brown, highest flavor. September and October.

Sheldon—Large, russet and red, melting, rich, delicious, hardy, vigorous and productive. October. Price 50c each, $5.50 doz.

Early and Late Winter Pears

Anjou—Very large, pyriform, greenish yellow, buttery and juicy. November and December.

Clargeau—Very large, handsome and showy; yellow and red, juicy, vinous, valuable for market. November and December.

Lawrence—Medium to large, golden yellow, melting, pleasant, aromatic. November and December.

Price 50c each, $5.50 per doz.

PEACHES

Crawford's Early—A superb yellow Peach of good quality; a productive and early sort. September.

Crawford's Late—Resembles Early Crawford, but later.

Early York—Medium size, white, with purplish red cheek; one of the best. July.

Early Rivers—Large, color creamy white, with a delicate pink cheek; melting, rich and juicy.

Early Canada—A seedling raised by Abraham High, Jordon, Ont., resembles the Alexander and ripens about the same time.

Price 35c each, $4.00 doz.

CHERRIES

Cherries succeed well on dry soil, can be trained in any form that taste or circumstances require.

May Duke—An English variety of large size. Tree erect and hardy. Fruit rich and good. Middle of June.

Black Tartarian—Large, mild, pleasant flavor, purplish black, good bearer. End of June.

Early Richmond—Medium red, juicy, acid. June.

English Morello—Large, dark red, sub-acid, good.

Governor Wood—Medium large, clear light red, juicy and delicious. End of June.

Yellow Spanish—Large, pale yellow with red cheek, juicy, delicious and sweet. End of June.

Louis Philippe—Large, dark, juicy, with a mild, sub-acid flavor, tree vigorous, hardy and productive. Best.

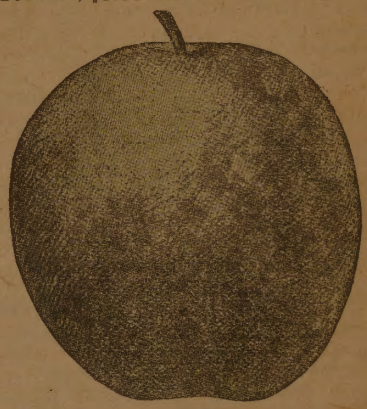
Montmorency Large—Light red, sub-acid, great bearer, very hardy, one of best. First July.

Napoleon—Very large, pale yellow with red cheek, firm, juicy, sweet, very good. First July.

Olivet—Large, deep red, vinous, sub-acid, hardy. Middle July.

Windsor—Of Canadian origin, vigorous and hardy, large, liver colored, valuable. End July.

Price 50c each, $5.50 doz.



PLUMS

Plant 18 ft. apart on good substantial soil. The stock we offer is very fine, unexcelled in thrittiness.

Bradshaw—Very large, dark violet red, juicy, sweet and good, one of the best. August.

Coe's Golden Drop—Large, yellow, sweet. September.

Imperial Gage—Excellent, large, pale green. August.

Beauty of Naples—New, large, greenish yellow, highest flavor, tree very hardy and prolific. Middle September.

Moore's Arctic—Medium, purplish black, juicy, sweet, heavy bearer and extremely hardy.

Yellow Egg—A well-known large plum, firm, sub-acid, and fine for cooking.

Lombard—A rampant grower, and wonderfully productive, medium, violet red, good. September.

Pond's Seedling—A magnificent English, light red plum, good grower, abundant bearer. Sept.

Shipper's Pride—Large, often measuring 2 in. each way, being nearly round; excellent for canning. September.

Goliath—A very large purple plum, rivalling the peach in beauty; hardy and productive. $1 each.

Glass' Seedling—A hardy Canadian variety or large size and good flavor; deep purple. September.

Price 50c each, $5.50 doz.

HARDY GRAPE VINES

It is not safe to send these roots after the leaves have started, as the close packing required to protect the roots injures the foliage and often kills the plant; we would therefore ask our customers to kindly send us their orders as early as possible, and to reach us not later than the 20th May, as after that date they usually begin to leaf. Nearly all of these roots are grown in open ground, and consequently cannot be forwarded until the frost is sufficiently clear in spring to lift them; they will be forwarded as soon after as possible, and when the plants are in best condition for safety.

BLACK GRAPES	Price each postpaid	Per doz.	Per 100
Worden—Best black grape, seedling of Concord, larger, delicious, much earlier, very reliable	25	$2 00	$7 00
Herbert—(Rog. 4)—Earlier and sweeter than Wilder	25	2 00	7 00
Moore's Early-Earliest good black grape, very large	25	2 00	7 00
Wilder—(Rog. 4)—largest black, very fine	25	2 00	7 00
Campbell's Early—Strong, hardy, vigorous, a fine variety	40	4 00	
RED GRAPES			
Lindley—(Rog. 9)—Best red, very delicious	25	2 00	7 00
Agawam—(Rog. 15)—Very large, vigorous and a great bearer	25	2 00	6 00
Salem—(Rog. 53)—Strong vigorous vine, berries large and sweet	25	2 00	8 00
Delaware—Red, well-known sort, delicious and productive	25	2 00	9 00
Brighton—Finest quality of all out-door grapes, dark red	25	2 00	7 00
WHITE GRAPES			
Niagara—Finest large white grape, very sweet	25	2 00	6 00
Moore's Diamond—Greenish white, compact bunches, berries size of Concord	25	2 00	8 00
Green Mountain—(Winchell)- Early as Jessica, larger, more vigorous	35	3 00	12 00

All vines two years old and well rooted.

BLACKBERRIES

	Each	Doz. post-paid	100 at purch'r's expense
TAYLOR'S PROLIFIC—Largest of all hardy sorts very productive and delicious	10	75	$4 00
Gainor—Fair size, hardy and productive	10	75	4 00
Erie—Very early and large, strong grower and great bearer	10	75	4 00
Western Triumph—Hardy, very productive, free from rust, jet black, medium size	10	75	4 00
Snyder—Extremely hardy, enormously productive, medium size	10	75	4 00
Stone's Hardy—Very hardy and good quality	10	75	3 00
Rathbun—Extra hardy, large, very productive	20	$1 50	

GOOSEBERRIES

HOUGHTON—Small, well-known sort, red when ripe	15	1 50	8 00
Downing—Larger than Houghton, green, delicious.	15	1 50	8 00
Pearl—Very productive, good size, free from mildew	15	1 50	8 00
Industry—Fruit large and delicious, strong grower.	25	2 50	16 00
Josselyn or Red Jacket—Superior quality, very productive	25	2 50	

RASPBERRIES

We send out extra strong canes. Smaller sizes can be quoted much lower on application.

RED VARIETIES	Each	Doz. post-paid	100 at purch'r's expense
JAPANESE RASPBERRY (Wineberry)—Like the raspberry in growth, bears in clusters	15	$1 50	$8 00
SCHAFFER'S COLOSSAL—Reddish brown to purple, very large	10	1 00	5 00
Columbian—New purple color, firm	10	1 00	5 00
Loudon—Enormously productive	10	1 00	6 00
Miller—Very early, firmest and best shipping berry.	10	75	2 50
Cuthbert—A decidedly fine variety	10	75	2 50
YELLOW VARIETIES			
GOLDEN QUEEN—Very large, delicious and firm	10	75	3 00
BLACK CAPS			
Palmer—Large, very early	10	1 00	5 00
Conrath—New, black, large, early	10	1 00	6 00
Hilborn—Fruit jet black, good flavor, strong grower, perfectly hardy	15	1 20	7 00

CURRANTS

FAY'S PROLIFIC—Berries are large and uniform, very productive	15	1 20	5 00
Cherry—Red, large as Fay's Prolific	10	1 00	5 00
Raby Castle—Bunch large, bright red, prolific	15	1 20	6 00
White Grape—Finest white currant, mild flavored, berries and bunches large, very productive	15	1 20	7 00
Black Naples—Fine reliable sorts	15	1 20	5 00
Black Victoria—Black currant of enormous size, fine flavor and of unequalled productiveness	15	1 20	6 00
BLACK CHAMPION—The finest black currant, large as Lee's Prolific, much more delicious	15	1 20	6 00

STRAWBERRIES

These varieties marked P are imperfect flowering and should not be planted alone.

NEWER VARIETIES

Seaford—P—One of the very best Berries and seems to succeed nearly everywhere. Plants strong, large and healthy, producing in profusion large dark colored berries of uniform size and color, firm enough to ship well. Doz 40c, 25 for 75c, per 100 $2.50, postpaid.

Aroma—B—The demand for this berry for the past two years has been far greater than the supply, and its intrinsic value as a heavy fruiter and pollenizer of late sorts is the cause. We received our first plants eleven years ago and have thoroughly developed them. The berries are very large, firm, a good shipper and fine for the family garden. Succeeds on all soils. Doz 40c, 25 for 75c, per 100 $2.00, postpaid.

Climax—Very productive, berry bright crimson, good flavor, medium early.

New York—A very large berry, bright crimson in color, medium early, quality good, thrifty and vigorous.

Sample—P—Healthy and vigorous, fruit large and firm, productive, late.

Any of the above postpaid, doz 30c, 25 for 50c, 100 $1.50. By express at purchaser's expense, 100 $1.25, 1,000 $8.00.

STANDARD VARIETIES

Williams—Large, handsome berries, extremely productive and hardy.

Clyde—Fruit large and firm, conical in shape, of a light scarlet color.

Glenmary—A superb early variety of a bright glossy crimson and fine flavor, very productive and of large size.

Bubach—P—This berry combines great and uniform size, unsurpassed productiveness and good quality.

Lovett's Early—Seedling of Crescent, very early, equals Wilson in firmness, double the size of Crescent and will yield double the quantity.

Nick Ohmer—Roundish conical form, very productive, perfect shape, dark, glossy red, firm, excellent quality.

Any of the above postpaid, doz 25c, 25 for 40c, 100 $1.25. By express at purchaser's expense, 100 $1.00, 1,000 $6.00.

RHUBARB ROOTS

Myatt's Linnæus—Each 15c, 4 for 50c, doz $1.50, postpaid.

Victoria—Each 15c, 4 for 50c, doz $1.50.

By express, doz $1.50, 100 $10.00.

HOPS—Strong roots 25c each, 5 for $1.00.

HOP SETS—100 for $1.00, 1,000 for $9.00.

MINT ROOTS—Each 25c.

INSECT DESTROYERS

Aphis Punk—For use in private places, more convenient than vaporizing Tobacco extracts. The Punk is lighted and allowed to smoulder, the fumes killing all insects. Boxes of 12 rolls, each containing 60 grains of nicotine, sufficient for 600 feet of floor space. Price 75c per box, postpaid 90c. Case of 12 Boxes $7.50.

Fir Tree Oil—Soluble in water, effectually destroying all kinds of pests to which plants are subject. Bottle, small size 25c, postpaid 40c, half pint 50c, postpaid 75c, pint 75c, quart $1.50, ½ gallon $2.75, gallon $5.00.

NIKOTEEN—The most powerful extract, and will be found more economical than weak tobacco extracts. Pint $1.50.

SKABCURA is a stimulant for wool growth and a cure for Ticks, Lice, Mange and Scab. Pint $2.00.

TOBACCO SOAP—Makes an excellent wash for plants and trees infested with insects. ½ lb 25c, by mails 35c; 1 lb 50c, postpaid 65c.

ROSE LEAF Extract of Tobacco—One of the most effectual articles for the destruction of all insects and scale on plants. Small bottle 25c, postpaid 40c, pint 40c, quart 75c, gallon $2.00.

WHALE OIL SOAP—Makes an excellent wash for trees and plants, kill insects and eggs on the bark. Lb 25c, 5 lb $1.00. By mail add 15c per lb for postage.

TOBACCO CLOTH—Takes the place of Tobacco stems. Per lb 75c, 2 lbs $1.25.

COPPER SULPHATE—For Bordeaux Mixture. Per lb 10c, postpaid 25c.

GISHURST COMPOUND—For preventing and destroying Red Spider, Scale, Mealy Bug, Thrip, Green and Brown Fly, etc. Sold in boxes; price 75c.

NICOTICIDE—This compound is used for destroying Green and Black Fly, Thrip, Mealy Bug, Red Spider, etc., and it is most certain in effect. The vapor given off by the compound does not alter the natural color or scent of the flowers. 4 oz can 90c, ½ pint $1.50, 1 pint $3.00. Fumigators each 75c.

LEMON OIL—Price half pint 50c, pint 75c, quart $1.50, ½ gallon $2.75, gallon $5.00.

PURE DALMATIAN INSECT POWDER—Price ¼ lb 20c, per lb 60c, or by mail 75c.

LONDON PURPLE—When applied in a liquid form, 1 lb to 200 gallons, or a teaspoonful to a pail of water is sufficient. Lb 20c, 10 lbs $1.75.

FLOUR OF SULPHUR—Lb 10c, 10 lbs 50c, per 100 lbs $4.00.

FOSTITE—Acknowledged the best preventative and cure against mildew, black rot, leaf blight, rust, etc. 5 lbs 70c, 25 lbs $2.50, 50 lbs $4.50, 100 lbs $8.00.

PURE PARIS GREEN—Securely put up in boxes. Price per lb 25c, per 5 lbs $1.00.

SLUG SHOT—A non-poisonous powder and a very popular insecticide. Easily applied and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Send for our book on Slug Shot. Lb 10c, 5 lbs 35c, 10 lbs 60c, 100 lbs $5.00; larger lots price on application.

GRAPE DUST—It is a preparation to kill the destructive mildew that strikes the grape vine. In 5 and 10-lb packages. Per lb 10c.

HAMMOND'S THRIP JUICE—Death to Mealy Bugs and Scale, which infest roses. ½ pint tins 30c, pint 50c, quart 75c.

INSECT POWDER DISTRIBUTOR OR DRY POWDER SPRAYER

By the use of this Insect Powder Distributor in applying the insecticides dry, all difficulties are overcome, as the poison is distributed so evenly and in such small quantities that it is hardly perceptible on plants.

The small hole is for clear Paris Green, the large hole for Hellebore and powders of like nature. The forked tube carries the poison directly on two rows of potatoes at once. With this tube attached a man can poison the bugs on an acre in thirty or forty minutes by walking at an easy gait without stopping.

The best time for applying the poison is in the early morning when the dew is on; it will then adhere much better to the leaves. Price $4.00.

Kills the Bugs. Feeds the Plant.

Pat. in Canada Nov. 2, 1897, Jan. 25, 1908

NON-POISONOUS. PREVENTS BLIGHT.

BUG DEATH is a non-poisonous article that takes the place of Paris Green and other dangerous insect powders. It will not injure the plant, burn or blight the vine.

It kills the bugs on Potato plants, Squash and Cucumber Bugs, Currant and Tomato Worms, etc.

Feeds the plants. "Bug-Death" promotes the growth of the plant and keeps it strong.

Bug Death is used by applying dry to the plant or used in water to spray the plants. Full directions for its proper use go with each package.

Price—1 lb pkge 15c, postpaid 30c; 3 lb pkge 35c, 5 lb pkge 50c, 12½ lb pkge $1.00, 100 lbs $7.00.

Perfection Shaker for applying Bug Death, 65c.

SPRAY PUMPS

THE "SUCCESS" BRASS SPRAY PUMP

With Bucket Foot Rest
Indestructible Bronze Ball Valves

Fig. 659

An excellent pump for use in gardens, vineyards, greenhouses and orchards, for washing windows and buggies; also for spraying poultry houses with whitewash. *The working parts are all brass*, and bucket foot rest is made of malleable iron. Nothing could be simpler and more durable than this pump. It has large air-chamber space, and is double-acting, throwing an absolutely continuous stream, either *solid or in fine spray*.

The end of hose connecting to pump is coiled with brass spring wire, adding largely to its durability. This pump is rightly named, and as a leader for general use it cannot be beaten. "Nothing succeeds like 'Success.'" The **"Bordeaux" Nozzle** is furnished with "Success" Pumps.

Price—"Success" Brass Spray Pump, with "Bordeaux" Nozzle, with directions for spraying, $4.50.

Seven feet of hose with connection for "Success" Pump, $2.00 extra.

KEROSENE SPRAYERS

Fig. 649A

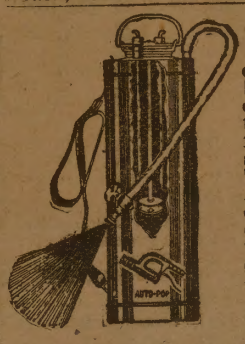
The "Success" Kerosene Sprayer consists of our Perfect Success bucket spray pump, with a kerosene attachment. The oil tank may be readily removed, and a cap, which we furnish, placed on the oil inlet. The pump can then be used the same as our other "Success" Pumps.

Price—Complete, as in cut, $11.00.

SPRAY NOZZLES

The "Bordeaux" Nozzle is the **simplest and best** spraying nozzle. It throws solid stream or a spray adjustable to any fineness. It will also throw a long distance coarser spray for large trees —*features possessed by no other spray nozzle.* Price $1.00. **Vermorel Nozzle**—$1.00.

AUTO-SPRAY



Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. This means that the Auto-Spray can be charged in fifteen seconds, when it will work uninterruptedly long enough to spray a ¼ acre of potatoes.

The Auto-Spray is light, and being carried by a shoulder strap, a boy can carry it with ease and **can cover ten times more area** in a day than can be covered with the old style sprayers, which require the operator to be constantly pumping in order to do the spraying. The Auto-Spray does the work as fast as a man can walk. Descriptive circular sent on application.

Price—Galvanized iron reservoir $5.00; brass reservoir $6.50.

LITTLE WONDER SPRAYER AND ATOMIZER—Price, made of tin, 40c, by mail, postpaid, 65c; brass $1, by mail, postpaid $1.30.

THE SPRAMOTOR

was awarded the Government Spraying Contest, the Pan-American Gold Medal, and the Highest Award at Glasgow. It is guaranteed to be the sprayer made. Prices for special outfits on application

The Spramotor Combination to apply crude oil and water for the destruction of San Jose Scale, recommended by the Department of Agriculture, combining the liquids at the nozzle.

Geo. E. Fisher, Chief Inspector, says this machine to apply oil and water to trees is the only reliable

Outfit "A" 0/0 for 1 nozzle, 10 ft dbl hose, as shown.....$29.00

Outfit "B" 1/0, 2 nozzles on 1 dbl line 10 ft hose, as shown.. 35.00

Extra for 2 lines of hose, with 2 nozzles on each..... 10.50

The Spramotor Painting Machine for the application of oil and water, paints and whitewashes. Will pass through any opening the size of the cask. Handy and warranted. Price complete, as shown, with 10 ft of hose, ready to work on iron wheels, with No. 1 Spramotor nozzle and screen.....$22.00

Extra for Brass Agitator.$1.00
Extra for 2-Nozzle Cluster 1.25
Extra for No. 2 Spramotor 3.00
Extra for Hose, per ft net 10

Spramotor Fruit Spraying Outfits

Spramotor Jr., No. 1.....$10.00
Spramotor Jr., No. 2..... 13.00
Extra for all Brass..... 3.00
Spramotor Jr., No. 1, with 10 ft Hose and Nozzle..... 12.00
Spramotor Jr. Outfit 1-F, with hand valve, 10' hose iron rod with drip guard and 2-nozzle cluster..... 15.50
Same, if with Bamboo Extension Pipe..... 17.00

Spramotor Outfit No. 2-E, with hand valve, 10 ft hose, Bamboo Extension Rod, with Drip Guard and 2-nzl cluster...$20.00
Same if with 3-nozzle cluster 21.00
Extra for barrel and Screen..... 3.00

Spramotor can outfits as shown:
Spramotor No 0, with 2½' hoze and nozzle..$7.25
Extra for heavy Galvanized Can..... 2.00
Same, if with Bamboo Extension Pipe, hand valve and can12.75

Special Outfit G, as shown, for spraying fruit trees, with 10 ft hose hand valve extension pipe, with drip guard, without can.....$10.00

Spramotor Illustrated Catalogue on Application.

Gardeners' Tools and Requisites

Brackets—Flower Pot, ornamental, various sizes.....each 80c to....$3 00
Cork Virgin—Flat and tubular, per lb..... 15
Dibblers—For planting, steel points 35
Floral Tools—Set of 4; small 75c, large..... 1 50
Glazier Points—Van Reyper's Perfection; 75c per 1,000; postpaid..... 95
Gloves—Ladies' Chamois, pair..... 1 00
" Oiled..... 80
" Gardeners' (men's)..... 50
" Harvest (men's) No. 2..... 25
" Threshing..... 75
Grafting Wax—¼ lb package 15c, ½ lb package 30c, 1 lb package..... 50
Garden Lines—Of the best material, 60 ft each..... 25
Garden Reels—Iron, plain, with stake..... 70
" " Larger size..... 1 00
Grass Hooks, English—Two sizes, each 50c and..... 60
Hoes—Dutch Scuffle, 4 inch 45c; 5 inch 50c; 6 inch 60c; 7 inch 65c; 8 inch 70c; 9 inch... 85
Hose, Rubber—In 25 and 50 foot lengths only; including couplings, viz., best quality, per ft, ¾ in., 15c; ½ in., 12c; 1 in., 18c; good quality, per ft., ¾ in., 12c; 1 in.... 14
Nozzle—Brass, with spray and stream tip, ¾ inch..... 1 50
" **Nozzle**—Spray and stream, ¾ inch..... 1 75
" **Menders**—Each..... 25
" **Reels**—Holding 100 feet, $2.50 to..... 3 50
Hyacinth Glasses—In assorted colors, plain blue, green, wine and amber; flat or Tye pattern, each 15c; per doz $1.50; tall, each 15c; per doz $1.50: fancy..... 50
Knives—Asparagus, imported best Sheffield. 1 00
" Budding, ivory handle.....$1.00 to 1 50
" Pruning, crooked blade.....$1.00 to 1 25
" Grass edging, crescent shaped..$1 to 1 50
Lawn Rollers, Iron—Each.....15 00
Pot Labels, Wooden—

If by mail add 10c per 100.	4 in., plain....per 100	15	per 1000	75
	5 " .... "	15	"	90
	6 " .... "	20	"	1 20
	4 in., painted. "	20	"	1 00
	5 " . "	25	"	1 50
	6 " . "	25	"	1 75
	2 in., plain..... "	60		

Tree Labels—

4 in., notched.....	"	15	"	90
With iron wire.....	"	20	"	1 25
With copper wire..	"	30	"	1 50

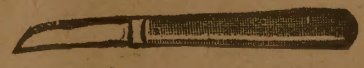
If by mail add 10c per 100.

Lawn Sprinklers—4 arm, revolving, each.. 2 75
" Champion, to stick in ground..... 85
" I.X.L., to stick in ground..... 1 25
" For end of hose, brass, 1 foot, each.. 3 00
Mats—Archangel, 4½x8½ feet, each..... 75
Needles—For sowing grain bags, each..... 10
Netting—For the prevention of birds destroying fruit of all kinds, 20x15 feet, 1 in. mesh, per lb..... 3 00
Peat—English, imported, per bush..... 1 50
" Fibrous, for Orchids, per bush..... 1 50
Plant Stakes—Painted green, tapering, very neatly finished, of light wood and very useful for tying plants, shrubs, etc.

1½ ft	per doz $0 20	per 100	.....	1 25
2 "	" 30	"	.....	1 50
3 "	" 40	"	.....	2 50
4 "	" 50	"	.....	3 50
5 "	" 75	"	.....	5 50
6 "	" 1 00	"	.....	7 50
Heavy, for Dahlias, 3 feet.....		each		10
" " 4 "			"	13
" " 5 "			"	15
" " 6 "			"	20

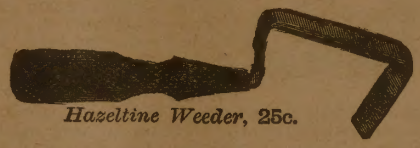
Plant Stakes, Bamboo or Cane—4 to 7 feet long, per 100..... 1 00
Pencils, Wolf's Indelible—Each..... 15
Powder Duster—Tin, perforated bottom... 75
" **Gun**—Round tin, each..... 25
Rakes—Daisy, for cleaning lawns, 16 teeth, $1.75; 18 teeth, $2.00; 20 teeth, $2.25; 22 teeth..... 2 50
" Garden, malleable iron, no handles, 10 teeth 30c; 12 teeth 35c; 14 teeth.... 40
" Garden, steel, with handles....60c to 1 25
" Lawn, steel, each..... 1 00
Raffia—The best tying material for plants, etc., 10 lbs $2.50; per lb, 25c, postpaid..... 40
Scollay Putty Distributor—For applying liquid putty, price.....$1.00 and 1 25
Scythes, Tysacks—English.....$1.25 to 1 50
Scythe Stones..... 20
Saws—Heavy, for pruning, each..... 1 00
Sprinkler, Scollay Rubber—Large $1.25; medium, $1.00; small..... 75

Pruning Knives
Price $1.00 to $1.25



Budding Knives
Price $1.00 to $1.50 each.

Cleves Trowel. Price 25c; postpaid 35c.



Hazeltine Weeder, 25c.

Grape Trimming Shears. $1.00

Half-Moon Edging Knife of the best make, $1, with handle $1.15

Border or Grass Shears
Price $2.50.

Brass Garden Syringe (Very convenient size). Price $3.00

Garden Wheelbarrow
$3.00 and $4.00 each.

Simmers' Perfection Pruning Shears

Scissors—Short and heavy for pruning..$1 00
" French Secateurs..... 1 10
" Flower gatherers, silver plated 1 50
" Grape thinning..... 1 00
Shears—Hedge or lawn, best imported, 8in. 1 25
" " " " 9in. 1 40
" Ladies', for light work, durable.. 1 00
" Border or grass..... 2 00
" " with wheel..... 2 50
" Sheep, for edgings..... 75
" Simmers' Perfection pruning shears—Black 7 in., $1.25; Bright, 7 in., $1.50; Black, 8 in., $1.50; Bright 8in., $1.75. Each fitted with wire cutting attachment.
Pruning, for Pruning Roses, Currants, Vines, etc. Per pair, 75c to..... 1 50
" Grape Presenting, used for preventing the grape from being handled. Pair..... 1 25
Syringes, English Brass—The very finest goods in the market.
" Ladies' Size, 14x1 in. barrel, 1 rose and 1 jet, light, each... 2 50
" Ladies' Size, 16x1 in., Cooper's patent protector, 1 rose, 1 jet 3 00
" Gardeners', Cooper's patent protector, 16x1½ in. barrel, 2 roses and 1 jet, each..... 4 00
" Greenhouse, 18x1½ in. barrel, heavy, 2 roses and 1 jet..... 3 00
" Greenhouse, 18x1½ in. barrel, heavy, 2 roses and 1 jet, Cooper's patent, each..... 5 00
" Greenhouse, Stone's patent, extra heavy, 1 jet and 4 sprays, each..... 6 00
" Garden, 20x1¾ in., adjustable plunger, 2 roses and 1 jet... 6 00
" Light Brass, 16x1¼ in., Canadian make..... 1 50
Thermometers—Of glass, 30c each; of wood, 40c; for hotbed use, each..... 1 00
" Brass flanged..... 40
" All glass, floating..... 40
" Japanned case..... 25
Trowels, Garden—Black, steel, 6 in., 25c; 7 in., 30c; each..... 40
" Polished steel, 6 in., 35c; 7 in., 45c; 8 in., each..... 60
" Cleves, Angle..... 25
Tree Scraper—For removing old bark.. 60
Tree Pruners—Waters', 6 feet, 75c; 8 feet, $1.00; 10 feet..... 1 52
Weeders—Fork shape..... 30
" Hazeltine..... 25
" Lawn Weeder..... 35
" Noyes..... 25
" Excelsior, claw-shaped..... 25
" The Bee (2 for 25c)..... 15
" Dandelion Spud, for lawns.... 60
Watering Cans—For greenhouse or indoors, with movable brass rose, in 3 sizes holding about 1, 2 or 3 gallons; sold at $1.50, $2.00 and $2.50 each.
Wheelbarrows—Light, $3.00; Heavy.... 4 00

FLORISTS' SUNDRIES

Tin Foil—In long strips, 5 in. wide, per lb 20
Tooth Picks—10c per box, 3 boxes for.... 25
Match Sticks—Per bundle..... 75
Sphagnum Moss—Per bale..... 1 25
Wire—Annealed (prices subject to change), No. 24, per lb, 20c; 10 lbs $1.25. No. 28 per lb, 25c; 10 lbs $1.75. No. 36, per lb 35c; 10 lbs..... 3 00

BOUQUET PAPERS

4 in., per doz.....45c. 5 in., per doz.....55
6 in., per doz.....70 7 in., per doz.....90

Brass Ladies' Syringe. Cooper's Patent Protector. Price $3.00

Flower Presenting Shears. Price $1.50

Fruit Baskets

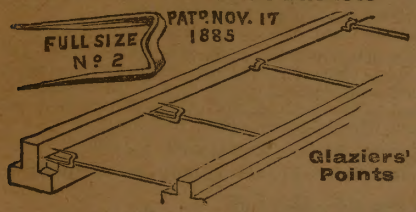
FRUIT BASKETS

Fruit Growers, Farmers, and Gardeners will find our baskets, which are of the Oakville manufacture, the best in the market.

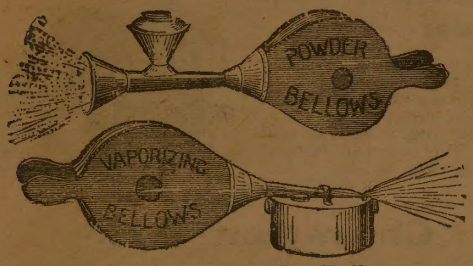
	Per doz	Per 25	Per 100
16 Quart or 20 lb Basket—Without covers—**No. 7**	$0 60	$1 15	$4 10
Pickers' Field Baskets—Each 10c	1 20	....	....
11 Quart or 15 lb Basket—No. 6	0 50	1 00	3 75
8 Quart or 9 lb Basket—No. 4	0 50	1 00	3 60
Patent Leno Covers, for any of the above—**No. 5**	0 25	0 40	1 50
Wood or Veneer Covers	0 20	0 35	1 25
5 lb Grape Basket Without Cover—No. 3	0 45	0 85	3 25
24 Quart Crate, including cover—Each 15c—**No. 8**	1 70	3 25	....
36 Quart Crate—Each 20c—**No. 9**	2 30	4 50	....
Slats for 54 Quart Crates	0 45	0 85	3 00
Berry Boxes, one quart—Per 1,000 $3.25	....	....	0 40
Plant Boxes—Per 1,000 $6.00—**No. 2**	....	....	0 70
Round Bottom Apple Pickers—Each 50c	....	....	....

THE VAN REYPER PERFECT GLAZIERS' POINTS

Made of Steel Wire and Galvanized. No rights and lefts. Price 75c per 1,000, 95c postpaid.



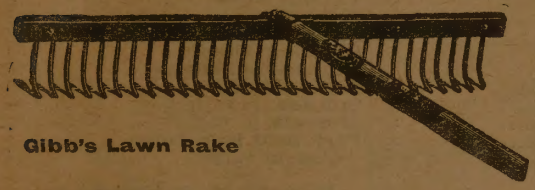
Glaziers' Points



Insect Exterminator Bellows

ron Flower Vase

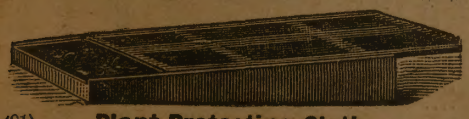
Glazing Machine



Gibb's Lawn Rake

	Each
1 Excelsior Corn Husker	$0 15
2 Combination Weeder	0 30
3 Rochester Transplanting Dibbler	0 35

Scollay Sprinkler



Plant Protecting Cloth

Flower Tubs

COLUMBIA FLOWER TUBS

No. 1 Plain—Natural varnish finish on the wood, or if wanted can finish them in oil paint, but *to order only.*

12 in. diameter	by 11 in. high		$1 25
15 in. "	by 14 in. "		2 00
18 in. "	by 16½ in. "		2 50
21 in. "	by 18½ in. "		3 00
24 in. "	by 20½ in. "		3 50

Columbia Orchid Baskets and Cribs. Prices on application.

Plant Protecting Cloth

Or Waterproof Fibre, specially prepared to prevent mildewing and rotting; valuable for forwarding and protecting early plants from frost, covering hotbeds and frames in spring, in lieu of glass (after excessive freezing weather is over) and for throwing over bedding plants at night in fall, at one-tenth the cost of glass. (Samples mailed on application.)

Medium Grade—Best for general use. Per yard, 11c; by the piece of 50 yards, 10c per yard.

Heavy Grade—Per yard 15c; by the piece of about 50 yards, 14c per yard.

The Gibb's Lawn Rake

A splendid article for raking up dead leaves or grass on lawns after being cut with a lawn mower or scythe. Price $1.00.

Scollay

Rubber Plant Sprinkler

No. 1 (With Valvular Top)	$1 25
No. 2	1 25
No. 3	1 00
No. 4	75

Seed Potato Knive

SEED POTATO KNIVE—Price 35c, postpaid.

THE LIGHTNING POTATO EYE CUTTER—Price 30c postpaid.

Mastica

For Glazing Greenhouses, Hotbeds, etc., New or Old

Elastic, Adhesive, Easy to Apply. Price per gallon, $1.50, per ½ gallon 75c, per quart 50c.

Mastica Glazing Machine—Price $1.50.

Lawn Rollers

Wrought Iron Garden, Lawn and Field Rollers

These rollers are all made of the best wrought iron. Weight 350 lbs. Price $15.00

EUREKA FUMIGATOR

(Galvanized)

12 inches diameter, at top 5 inches; holds one-half peck of tobacco stems.

PRICE—

1st size	$2 50
2nd "	2 00
3rd "	1 75
4th "	1 50

WOODASON'S PATENT INSECT EXTERMINATOR BELLOWS...

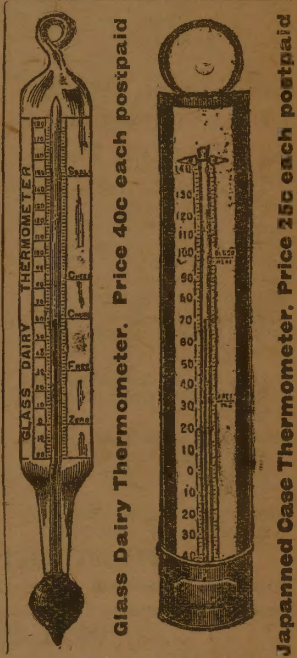
Blows Paris Green, Hellebore, Dalmation Insect Powder, Sulphur, Slack, Lime Slug Shot, etc., etc.

Patent Double Cone Bellows, $4.00

Large Single Cone Bellows, $3.00.

Small Single Cone Insect Powder Bellows for home use, $1.75.

Liquid Spraying Bellows, $3.00.



FLOWER VASES

Iron and Terra Cotta

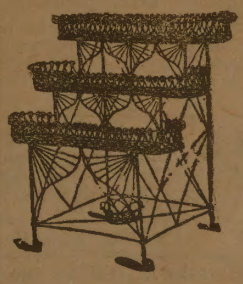
Varying in price from $3.00 to $50.00. Write for description.

Fibre Rolling Stands

FIBRE ROLLER STANDS FOR HEAVY PLANTS

Platforms are indurated fibreware; will not soak or rust; casters have ball bearings.

13 in., 3 casters, each	$0 90
17 in., 4 " "	1 25
21 in., 6 " "	1 50



No. 6.

No. 7.

WIRE PLANT STANDS

Wire Stands for Flower Pots—Size No. 6, $5,00; size No. 7, $4.25; size No. 5, $5.00.

Illustrated Circular sent on application.

PLOWS

FLEURY PLOWS

General Purpose Plows very light in draught

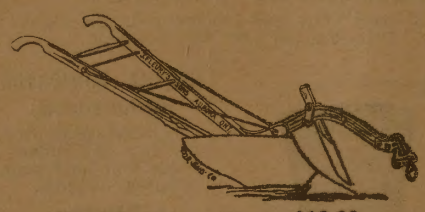
Nos. 21 and 13 the two best general purpose plows in Canada.

No. 13 Plow, $12.00 cash.
No. 8 Plow, $12.00 cash.
No. 12 Plow, $13 00 cash.
No. 21 Plow, $12.00 cash.

No. 21 Fleury Plow. $12.00

One Horse Plow—No. 15. Unexcelled as a Garden Plow.

A one-horse or garden plow that cuts the width it turns, and turns a furrow properly. Most one-horse plows are only two-horse plows shortened up, and spoiled for real plowing. This one is a plow—light, but strong. Price, cash, $10.00.

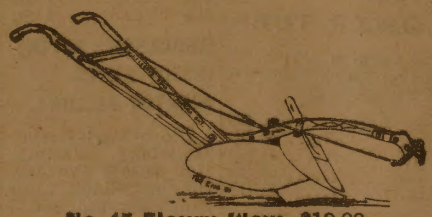


No. 13 Fleury Plow—$12.00

Fleury's Celebrated Root Pulper, No. 7. $11.00.

Fleury's Straw and Ensilage Cutter, No. 1, hand power. Price $13.50.

Fleury's Farm Wheelbarrow. Price, $4.00.



No. 15 Fleury Plow—$10.00

WROUGHT IRON HARROWS

Garden Harrows—In two sections, $8.50.

Farm Harrows—In three sections, $11.00; four sections, $14.50.

WILKINSON PLOWS

We can supply the following desirable "Standard" Plows, manufactured in Toronto, of the best material (regardless of cost) by the Wilkinson Plow Company.

Narrow one-horse plow, $10.50. Wide one-horse Plow, No. 13, $10.50. No. 3, $14.50. No. 4, $14.00. No. 5, $14.00. No. 7, $14.00. No. 21, $14.00.

Wilkinson Garden Harrow—$12.00.
" **Channel Drag Harrow**—Three sections, $13.00.
" **Channel Drag Harrow**—Four sections, $17.00.

The Automatic Corn Planter.

The Automatic Corn Planter

The Automatic Planter is of the best material, well and durably put together, and finished to stand long use and all sorts of weather. In this planter the seed is delivered from the Dropper to the Receptacle at the bottom, which, when opened by pressing over on the Foot, leaves it once at the depth required, avoiding the trouble found with all Hand Planters that deliver the seed direct from the Dropper to the soil. It also has a most convenient attachment for regulating the depth of planting; this can be raised or lowered in a moment, and insures delivery of the seed at precisely the depth required, whether the soil be hard or mellow. Price $2.00.

BROADCAST SEED SOWERS

THE CYCLONE SEED SOWER

FIRST-CLASS HIGH GRADE MACHINE

Geared (See Cut)—A machine for sowing broadcast all kinds of grass seeds and grain. It is suspended by a strap over the shoulder, hanging in the most convenient manner, and is operated with a crank. The machine is light (weighing less than four pounds), yet strong and durable. The gear wheels and feed-plates are of the highest quality of hardened grey iron.

The crank shaft is made of bessemer spring steel; the distributor is stronger made of best quality of tin. The hopper is large, holding about three-fourths of a bushel, and made from heavy 10-oz. ducking, securely fastened to machine with tinned tacks, especially manufactured for this purpose.

The lumber is well-seasoned and of best quality, principally popular.

IT WILL SOW clover, timothy, wheat, oats, rye, buckwheat, Hungarian redtop, turnip, millet, corn, cotton and all other grains and seeds perfectly even and any desired amount per acre, and from 30 to 60 acres a day. It does not require seed to be cleaned, and will sow orchard and blue grass. Full instructions and directions on every machine.

Geared, price, $1.75; postpaid, $2.50.

Fiddle Bow—Old style. Price, **$1.00**; by mail, postpaid, **$1.50.**

Cahoon Broadcast Seed Sower

A hand machine very largely used. The quantity to be sown is easily regulated. It will seed *evenly* four to six acres per hour. It will scatter the following distances:—Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight 5½ lbs. Price, each, **$4.00.**

Champion Ball-Bearing Corn Sheller

It has no equal. It is the best Sheller on the market, and considering the amount of work it will do, it is the cheapest. Its work is easy, rapid, and highly satisfactory. Its unique automatic adjustment, improved shelling disc and telescopic construction, are all new inventions, embodying improvements found in no other corn sheller. Weight, 20 lbs. Price, **$2.50.**

Garden and Farm Implements

	Each
Grass Scythes, Rivet back and others	$1 25 to $1 50
Cradle Scythes, all kinds and lengths	1 10 to 1 40
Grain Cradles, all kinds	1 50
Scythe Stones	10 to 15
Scythe Snathes	65 to 85
Hay Rakes, wire bow and wooden bow	10 to 25
Hay Forks, 2 prong	40 to 60
" 3 prong	60 to 80
Straw Forks, 3 prong	75 to 1 20
Manure Forks—	
4 prong	85 to 1 20
5 prong	1 10 to 1 25
6 prong	1 25 to 1 35

	Each
Spading Forks, 4 prong	$1 00 to $1 20
Potato Forks, 4 prong	85 to 1 25
Turnip Hoes	55 to 70
Field Hoes	35 to 65
Thistle Spuds	40
Reaping Hooks	50
Vegetable Scoops	1 20
Grain Scoops	1 00 to 1 50
Spades, in variety	75 to 1 50
Shovels, in variety	90 to 1 30
Fork and Hoe Handles, in variety	15 to 40

Plow Lines, Cotton Bags, Linen Bags, Etc.

Draining Spades—18, 20 and 22 inch ..... Each $2 50

EARTHENWARE—Flower Pots, Saucers, Tree Pots, Hanging Baskets, Seed Pans, Etc.

Special prices on application for larger quantities

POTS

Earthenware Flower Pots, Tree Pots, Seed Pans and Hanging Baskets. The measurement is from outside to outside. Packing charged extra when ordered to be shipped a distance from Toronto. Pots carefully packed, but we assume no risk for breakage.

Flower Pots				Saucers		Tree Pots				Saucers	
Size	Inches	Per doz	Pr 100	Per doz	Per 100	Size	Each	Each	Per doz	Each	Per doz
Small Thumbs	2	$0 10	$0 75	....	....			....	....	....	....
Thumbs	2½	15	1 00	....	....	2 gals	10	$0 40	$4 00	$0 20	$1 80
Small Verbena	3	15	1 10	....	....	3 "	12	50	6 00	25	2 40
Large Verbena	3½	20	1 25	....	....	4 "	14	75	8 00	35	3 50
Half Pints	4	25	1 75	$0 15	....			....	....	60	7 00
Pints	5	40	2 50	25	....	6 "	16	1 50	....	....	....
Quarts	6	50	3 75	30	$2 25	8 "	18	2 50	....	....	....
Half Gallons	7	1 00	6 50	60	4 00			....	....	....	....
¾ Gallons	8	1 50	10 00	70	5 00			....	....	....	....
Gallons	9	2 00	15 00	90	7 00			....	....	....	....

Pans size-in.	Each	Doz
Boston Fern Pans 6	$0 10	$1 00
" " 7	13	1 40
" " 8	15	1 60
" " 10	20	2 25
Fern Pans 6	10	1 00
" 7	10	1 10
" 8	15	1 60
Seed Pans 10	20	2 25
" 12	25	2 75
" 14	30	3 25
Square Pans 8	20	....
" 10	35	....
" 12	50	....
Hanging Baskets 10	15	....
" " 12	25	....
" " 14	40	....

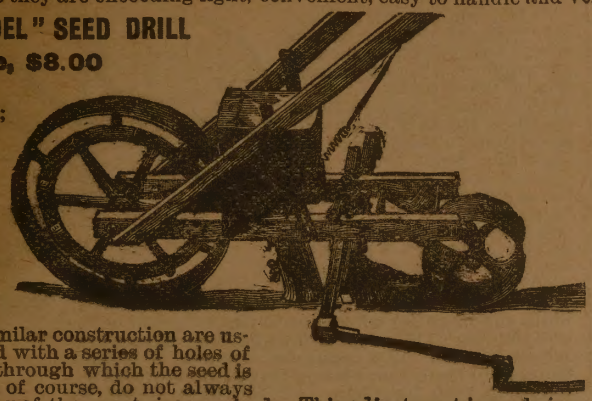
"Iron Age" Garden Implements for 1904

The "IRON AGE" WHEEL HOES AND DRILLS for Field and Garden Work

We have no hesitation in claiming these tools to be the most perfect and satisfactory made and we want to place one in the hands of every customer. They have recently become immensely popular, owing to the new departure in their design and construction; in other words they are all right and up-to-date. They are equipped with high, steel wheels, very light, tubular frame connected to malleable iron castings—really bicycle construction, and in consequence they are exceeding light, convenient, easy to handle and very handsome in appearance.

"NEW MODEL" SEED DRILL

Price, $8.00



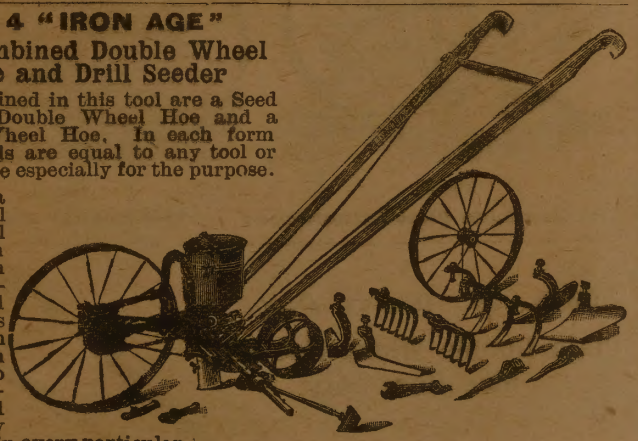
Perfect Index; Instantaneous Cut off; Adjustable Marker; Broad Wheel; Steel Opening Plow; Adjustable Handles.

Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which, of course, do not always give an opening of the exact size required. This adjustment is made in a simple and effective manner by use of a slide with a pear-shaped opening, passing under the bottom of a seed reservoir, which is provided with a perforation of a similar shape in a reversed position. This slide can be instantly adjusted to size indicated by index, or to a *hair breadth variation between*—a vital point in a perfect seed drill. As the names of the principal seeds are plainly shown on the index itself, it is not necessary to refer to any table of reference. The flow of seeds can be instantly stopped by a *swinging* cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at end of rows. The main wheel is of large size and of *unusual* width, preventing its sinking into soft earth.

Each drill crated and carefully packed for shipment. Packed weighs about 40 lbs. **Price $8.00.**

No. 4 "IRON AGE"

Combined Double Wheel Hoe and Drill Seeder



Combined in this tool are a Seed Drill, a Double Wheel Hoe and a Single Wheel Hoe. In each form these tools are equal to any tool or tools made especially for the purpose.

As a Seed Drill this tool sows in drills with perfect accuracy all the seeds varying in size from celery to corn. Easily and quickly adjusted in every particular.

The change from a Seed Drill to a Wheel Hoe is made by simply detaching the seed hopper with its frame, covers, wheels, etc.; loosening two bolts does it, and applying the cultivating tools. The wheel is made of steel 16" high. The frame of pipe, coupled to malleable castings. The tool is therefore very light as well as strong; runs easily. **Price $10.50.**

No. 5, Iron Age Drill Seeder, the foregoing implement as a Seed Drill only, $3.00.

No. 6 "IRON AGE"

Dombined Double Wheel Hoe, Hill and Drill Seeder

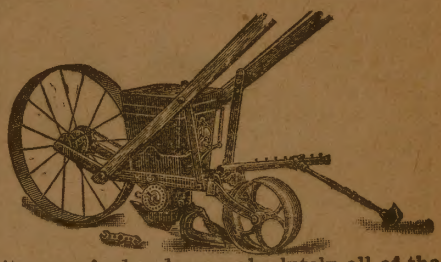
As can be seen by the cut above, anyone purchasing the No. 6 "Iron Age" Combined Double Wheel Hoe, Hill and Drill Seeder, possesses at once the most perfect and complete tool possible. It is a whole tool-house itself. It drills, hoes, rakes, hills, cultivates, levels, plows, furrows, covers, and does each and every operation in the most satisfactory manner.

The fact that our "Iron Age" Double Wheel Hoe can be converted into a thoroughly practical Single Wheel Hoe, makes this combined machine four different tools, a Hill Dropper, a Double Wheel Hoe and a Single Wheel Hoe, also a Row Drill. This tool will sow all the small seeds varying in size from celery to corn. **Price $12.00.**

No. 7, IRON AGE HILL AND DRILL SEEDER

The foregoing implement as a Hill and Drill Seeder only. **Price $9.00.**

No. 8 "IRON AGE" HILL AND DRILL SEEDER



The "Iron Age" Hill and Drill Seeder is without question the most perfect tool ever offered. The Wheel is 16 in. high, made of steel with a two-inch tread. The Opening Plow is non-cloggable and can be instantly adjusted. The Hopper is low, therefore, the delivery of the seed is close to the ground, thus making possible accurate spacing. Capacity 4 quarts. The Agitator is a revolving bush which makes it a sure feed and sows absolutely all of the seed accurately and without injury.

The distance of spacing the seed can be instantly changed by simply varying the number of pins in the outside circle of the holes of the "Pin Wheel." By using only one pin (stationary) the seed will be spaced 24 inches, two pins, 12 inches; three pins, 8 inches; four pins, 6 inches; six pins, 4 inches. We wish to emphasize the great simplicity of this adjustment as it overcomes a very radical objection to similar tools of having numerous cam wheels to change.

The amount of seed can be minutely adjusted by our patented cam index. The Coverers are firmly held in place by a spring—thus avoiding all danger of not covering. The wheel rolls and packs the soil. The flow of seed can be instantly stopped or started by a convenient finger latch on the handle. **Price $11.00.**

No. 15 "IRON AGE"

Combined Single Wheel Hoe Hill and Drill Seeder

Combined in this tool is the best Hill and Drill Seeder, and Single Wheel Hoe ever offered to the public. In combining these tools, not a single advantage of a separate Single Wheel Hoe or Seed Drill is lost. As each they are, in themselves, complete. Changed from one form to another almost instantly completely filling every desire both as to method of handling seed and soil.

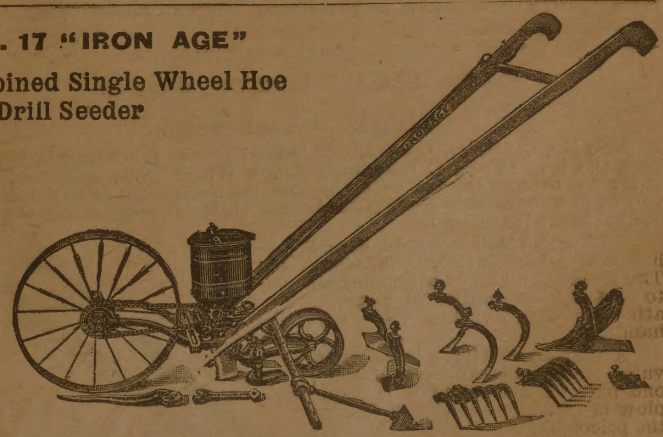
It places the seed **in hills or drills**, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates.

The Wheel is made of steel, 16 in. high; the frame of pipes, coupled to malleable castings; therefore light (runs easy) strong and durable.

Price $11.00.

No. 17 "IRON AGE"

Combined Single Wheel Hoe And Drill Seeder



Combined in this tool we offer the best Row Drill and Single Wheel Hoe ever offered the public. In combining these tools not a single advantage of a separate single Wheel Hoe or Row Drill is lost, as each one in itself is complete. Can be changed from one form to the other almost instantly; completely filling every desire both as to method of handling seed and soil.

It places the seed **in drills**, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates. The Wheel is made of steel, 16 in. high, the frame of pipe, coupled to malleable castings, therefore light (runs easy) strong and durable. **Price $10.00.**

No. 9 "IRON AGE"

Single Wheel Hoe, Cultivator, Rake and Plow Combined

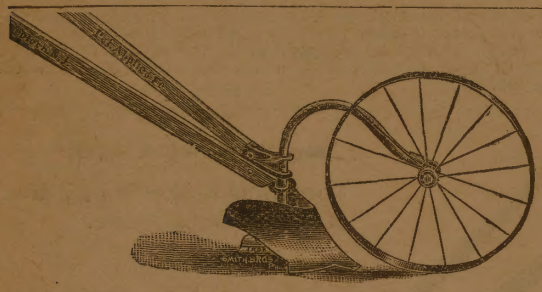
"Iron Age" Combined Single Wheel Hoe

This tool is, in regard to the work done, almost a counterpart of the Double Wheel Hoe. In addition its lower price, less weight and increased steadiness given by a *single* wheel, make strong arguments in favor of this tool. For the small kitchen garden we consider the Single Wheel Hoe, with these points of merit, as being very valuable. The work is done principally between the rows, although plants of small growth can be hoed on both sides at once by placing the wheel on the left side.

With this single wheel tool, spaces of exceedingly narrow width can be worked even, using but one cultivator tooth. With the large plow attachment, deep furrows can be opened or closed; potatoes, celery and other crops hilled—in short, all such work usually accomplished by a special plow.

Price complete, $6.00.

Weeder Attachment for this tool similar to the one shown on the Double Wheel Hoe, $1.00.



No. 11 "IRON AGE" WHEEL PLOW

Price, $2.75

Packed Weight 15 lbs.

No. 12 "Iron Age"

Wheel Plow and Cultivator

In the accompanying cut we show a tool of exceeding lightness but of great strength, which is designed to do a greater variety of work than any other tool of the same price. It will accomplish all the work in cultivating needed to be done in a small kitchen garden—plowing, furrowing, covering, hoeing, raking and cultivating. This tool is emphatically *the friend of the laborer or mechanic* who can afford only to invest a small amount of money in a garden tool, and whose few moments in a garden must be devoted to "straight-ahead" work.

Price $3.75.

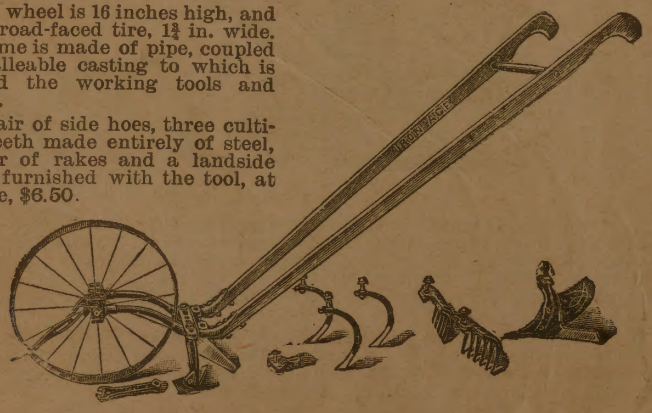
No. 20 "Iron Age"

Single Wheel Hoe

The No. 20 "Iron Age" Single Wheel Hoe is the wheel hoe form of both the Nos. 15 and 17 Combined Single Wheel Hoes and Seed Drills. *Although being designed* with the view of being able at any time in the future *to add a Seed Drill Attachment*, it is he most complete Single Wheel Hoe ever offered.

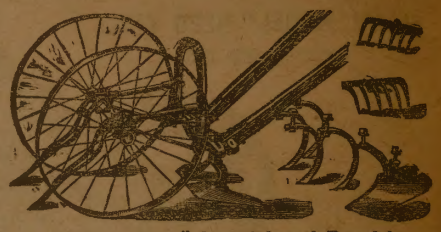
The wheel is 16 inches high, and has a broad-faced tire, 1¾ in. wide. The frame is made of pipe, coupled to a malleable casting to which is attached the working tools and handles.

A pair of side hoes, three cultivator teeth made entirely of steel, one pair of rakes and a landside plow is furnished with the tool, at the price, $6.50.



No. 1 "IRON AGE"

Double Wheel Hoe, Cultivator, Rake and Plow Combined



"Iron Age" Combined Double Wheel Hoe

At a glance one can see the great usefulness of this tool. The garden or farm is incomplete without at least one of these tools. In cultivating onions, beets, turnips, radishes, etc., it is invaluable, saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this double wheel hoe possesses is that it can be made into a practical single wheel hoe in a moment's time. An axle is sent with every double wheel for this purpose. The wheels are 16 inches high, enabling the wheel hoe to run easy and without yielding to the depressions of the soil as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength, together with lightness. All the tools shown in the cut go with the machine for the price.

Price complete $7.50.

Weeder Attachment, $1.40 extra.
Landside Plow Attachment, $1 extra.
Single Tooth Attachment, 75c extra.

Fig 112.
Single Tooth Attachment

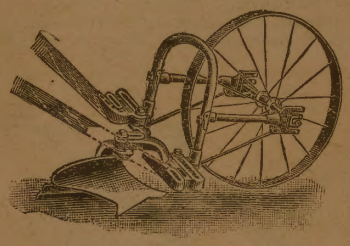


Fig. 82
The Landside Plow Attachment

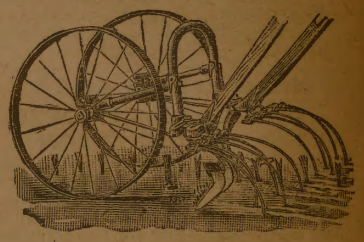


Fig. 81
The Weeder Attachment

No. 3 "Iron Age"

Plain Double Wheel Hoe with Side Hoes only

In order to accommodate those who have only use for the Wheel Hoe for hoeing, we offer the machine described above with side hoes only. This implement may be used as a Double or a Single Wheel Hoe. The illustration shows it adjusted as a Plain Double Wheel Hoe.

Price $5.00.

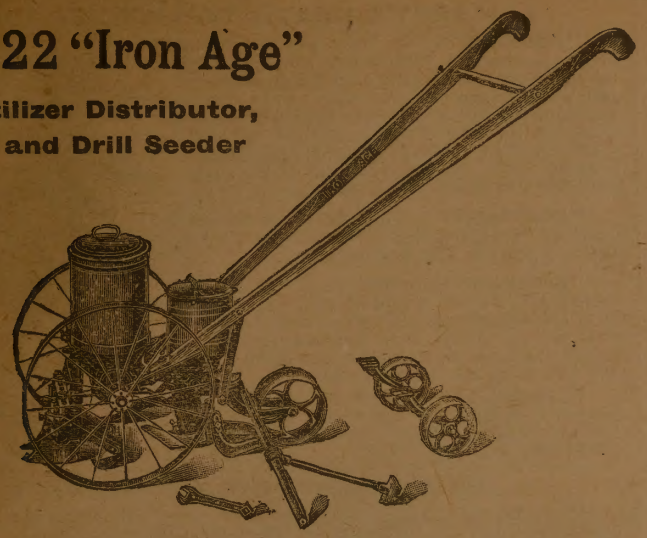
The Little "Giant Pruning Shear"

Price $2.00.

Is a new invention to prune fruit and shade trees, shrubs, vines and underbrush. The knife is a self-acting lever. Put the hook on and pull slightly. The knife cuts clean and it cuts time, labor and expense down to zero. One man can do the work of six. A tool, not a toy.

No. 22 "Iron Age"

Fertilizer Distributor, Hill and Drill Seeder



This tool is designed to sow fertilizer and seed in one operation. The fertilizer is distributed in two narrow streams, adjustable in depth and width apart. The seed is sown between the two rows of fertilizer, so no injury can result from coming in contact with it. It will sow in rows or drop in the hills at 4, 6, 8, 12 or 24 inches apart. The seed attachment may be detached and tool is then a most excellent implement for the top or side dressing of growing crops. **Price $18.00.**

No. 23 "IRON AGE"

Fertilizer Distributor as a Side Dresser

PRICE, $13.50

The side or top dressing of growing crops has become a practice of great importance, and in fact, of absolute necessity to produce a quick, thrifty growth of growing plants.

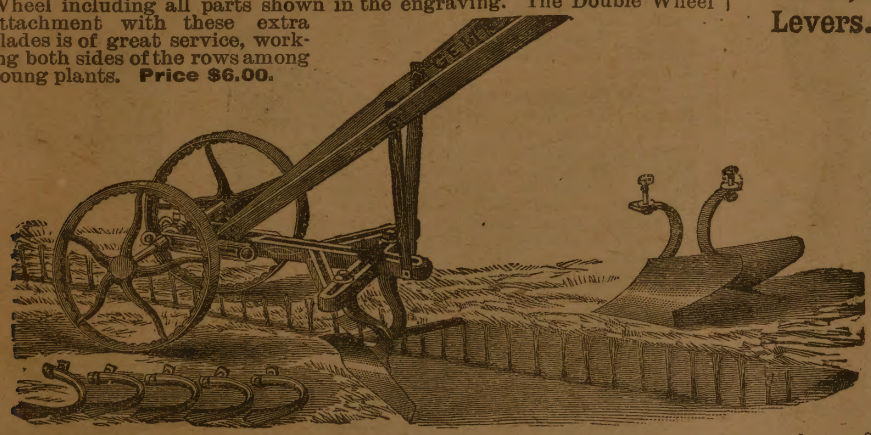
The fertilizer is placed in the hopper which holds over four quarts, and when fed out is divided in two streams and the two delivery tubes carry the fertilizer into the light furrows made by the opening plows.

All gardeners will appreciate the great advantage of applying quick acting fertizers to the growing plants, but at the same time realize the difficulty in doing so without such a tool as described above. **Price $13.50.**

Hill and Drill Seeder Attachment may be applied to this tool and the seed may be sown in drills or placed in hills at 4, 6, 8, 12 or 24 in. apart, at the same time the fertilizer is distributed. **Price $4.50.**

"GEM" Double and Single Wheel Hoe Combined, $6.00

This has in addition to the Single Wheel Hoe the Double Wheel Attachment and two extra steel blades, which we furnish with the Single Wheel including all parts shown in the engraving. The Double Wheel attachment with these extra blades is of great service, working both sides of the rows among young plants. **Price $6.00.**



"Iron Age" Horse Hoe and Cultivator Combined, with Wheel and Levers. Price $7.50.

"Iron Age" Horse Cultivator

As made at present there is no cultivator in use so completely adapted to the various needs of the farmer, particularly the "truck" grower. With six narrow teeth it cannot be equalled as a thorough pulverizer of the soil, and is quickly changed to any of its combinations. With or without Lever Adjustment or Wheel. We claim this tool to be the strongest, steadiest horse hoe made; hoe standards are very heavy solid steel, adjustable in both pitch and angle of cut, adjustment of width instantly made, steady and smooth in its operation, the only lever adjuster that does not impair the stiffness of the tool.

PRICE—Complete as in illustration with mould boards, scuffler, teeth, wheel and levers $7.50
Furrow closing attachment 1 50

"JEWEL" SINGLE WHEEL HOE

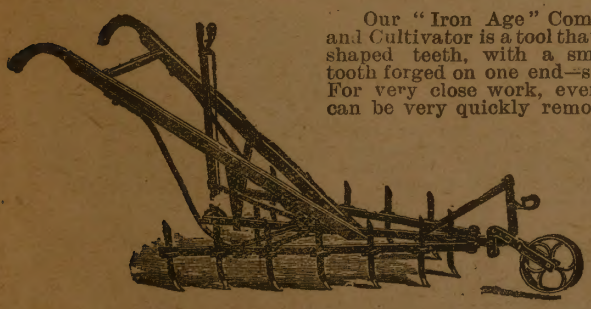
Cultivator and Plow Combined, $4.50

Like the Double Wheel "Jewel," this tool is constructed entirely of malleable iron and steel, with exception of wheel and handle. It is capable of several combinations, a simple very easy working scuffle hoe, with hoes 6 to 9 inches in length; as a cultivator, with four steel teeth; or as a large-sized Wheel Plow. The "Jewel" is adjustable in every way, thoroughly well made and finished, and is, we believe, the lightest and strongest of its kind made.

Price, complete, $4.50.

"IRON AGE" Combined Harrow and Cultivator

Steel Diamond Teeth



Our "Iron Age" Combined Harrow and Cultivator is a tool that has diamond-shaped teeth, with a small cultivator tooth forged on one end—steel, of course. For very close work, every other tooth can be very quickly removed. We also have, as an attachment, a wide, flat sweep on a high-throated standard, for use on rear end of middle bar. Sure death to weeds and grass.

With lever expander and wheel $7.50
Sweep attachment ..... 1.25 extra.

☞We are Sole Agents for "Iron Age" Implements and carry a large stock, thus enabling us to fill orders at the shortest possible notice.

The "Planet Jr." Garden Implements

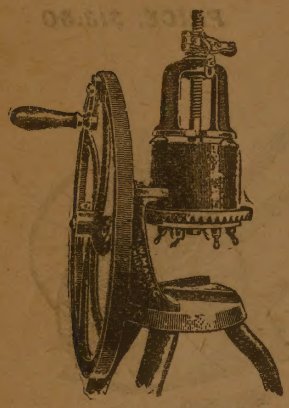
Descriptive and Illustrated Planet Jr. Catalogue sent on Application.

We can supply a full line of machines and repairs. Every piece has a mark or number upon it. Be sure and mention number when ordering repairs or parts.

		PRICE
"Planet Jr."	**No. 1—Combined Drill Seeder,** Cultivator, Rake and Plow	$11 25
"	**No. 2—Seed Drill,** plain	8 75
"	**No. 3—Hill and Drill Seeder,** Single Wheel	12 25
"	**No. 4—Hill and Drill Seeder,** Hoe, cultivator, etc.	12 25
	Set of three rakes for No. 4	1 50
"	**No. 4a**—Same tool as a Hill and Drill Seeder only	10 00
"	**No. 5—Hill and Drill Seeder,** Single Wheel	15 00
"	**No. 11—Double Wheel Hoe,** Cultivator, Rake and Plow	10 50
"	**No. 12—Double Wheel Hoe,** Cultivator and Plow	8 25
"	**No. 13—Double Wheel Hoe,** plain	5 50
"	**No. 16—Single Wheel Hoe,** Cultivator, rake and Plow	6 75
"	**No. 17—Single Wheel Hoe,** Cultivator and Plow	5 75
"	**No. 17½—Single Wheel Hoe and Cultivator**	5 75
"	**No. 18—Single Wheel Hoe,** plain	4 00
"	**No. 25—Combined Hill and Drill Seeder,** Double Wheel Hoe	15 75
"Firefly" Garden Plow		2 75

Mann's Bone Cutters

1902 Model



No. 5 B.M.

No. 5 B.M. 1902 Model

Intended for flocks of 15 to 25 hens. Can be used for flock of 100 hens, but larger size is more economical in the end for such a large flock. Mounted on iron stand, no expense to set it up. Place for pan to catch the bone. Patented automatic governing spring feed, 1902 style.

Cylinder is larger than the old style No. 1. Cutter plate has 4 knives instead of 3. Will cut faster and easier than other types costing twice as much.

Capacity, 15 to 20 lbs per hour.
Weight, 80 lbs. Price, $12.00.

No. 5 B

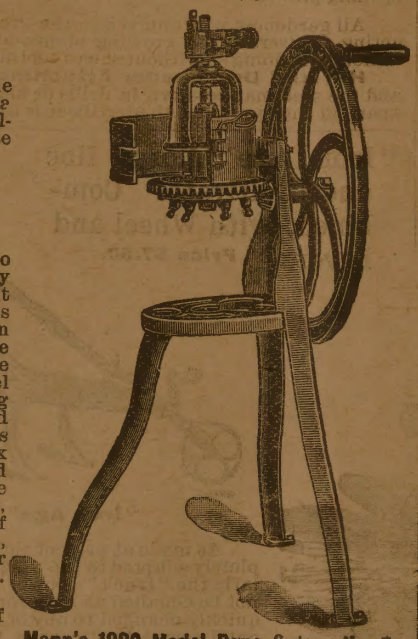
This machine is exactly the same as the No. 5 B.M., except that it has not the iron stand. The capacity is the same.
Weight, 55 lbs. Price, $9.00.

No. 5 C

This machine is exactly the same as the No. 5 B, with a crank handle instead of a balance wheel. Capacity not quite equal to 5 B.
Weight, 30 lbs.
Price, $7.00.

No. 7 1902 Model

Intended for flocks of 40 to 100 hens. Can be profitably used for 200 hens or more, but we recommend No. 9 for flocks of more than 100. Mounted on strong iron stand with large table or box or pan to receive cut bone. Patented 1902 Model automatic governing spring feed. Large open-hinged cylinder, giving instant access to all working parts. Six special knives. Gear guard anti-clog device. Heavy balance wheel, with adjustable handle, besides all the best features of our old-style machines. Weight, 107 lbs. Capacity, ½ to 1 lb per minute. Made in one size only. Price, $14.00.



Mann's 1902 Model Bone Cutter No. 7

No. 9 Intended for flocks of 100 to 300 hens. The description of No. 7 will apply to this size also. The difference consists of larger cylinder, greater holding capacity, different design and larger table. This machine can be altered into the No. 11 by adding the power parts, making a combination machine for both hand and power. Its economy is evident. Weight, 163 lbs. Capacity, ¾ to 1¼ lbs per minute. Price, $20.00.

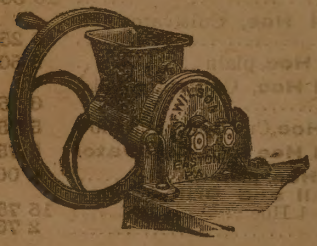
Parts to change No. 9 to No. 11. Price, $8.00.

Mann's Clover Cutter

No. 11 Intended for large flocks when the machine must be run by hand a portion of the time. It is really a semi-power and semi-hand or combination machine, and as such has its place. The No. 11 is exactly the same as the No. 9 with the power parts added. It has all the late improvements, special feed, anti-clog, open cylinder, tight and loose pulleys, etc. Weight, 215 lbs. Capacity, 100 lbs per hour. Price, $28.00.

No. 12.	Power Machine	$34 00
No. 15.	" "	65 00
No. 14.	" "	80 00

Mann's Clover Cutter Made entirely of iron and steel. Price with balance wheel, $9.50; with balance wheel and stand, $11.00.



Family Grist Mill No. 0

This mill is especially made for grinding Graham flour or corn meal for table use. It can also be adjusted for cracking the grain if desired. It is a valuable machine to have in the kitchen, as you can have fresh Graham or corn meal when wanted. The grinding surfaces are of very hard material, especially made for this purpose. Weighs 30 lbs. Price (without legs), $5.00. Price (with legs), $7.00.

LAMBERT'S DEATH TO LICE REMEDIES

"POWDER"—For body lice on Sitting Hens, Laying or Exhibition Poultry. This powder does not injure eggs or chickens, or soil the plumage in any way. It is also invaluable for lice on Horses, Cattle or Plants, Ticks on Sheep; Fleas and Lice on Dogs, Cats and Pets. Also a valuable disinfectant. 5 oz box 10c, postpaid 15c; 15 oz 25c, postpaid 40c; 48 oz 50c, 100 oz $1.00.

"OINTMENT"—For Head Lice on Children or Chickens, Scaly Shanks on Fowls. 10c and 25c per box, postpaid.

"SPECIAL"—A powder for Moths in Carpets or Furs. Adapted also for mixing with the original powder when used for fleas, or it can be mixed with kerosene or white-wash and used as a liquid lice killer. 4 oz box 10c, 16 oz 25c, postpaid 40c.

"LIQUID"—A paint for Mites and Spider Lice in Hen Houses. Fleas and Lice in Dog Kennels and Stables. 1 qt 35c, 2 qts 60c, 4 qts $1.00.

GALVANIZED POULTRY FOUNTS

These founts are made of galvanized metal; they are easily cleaned, not injured by freezing; water can be kept constantly fresh.

Price—No. 1, holds two qts, 40c each. No. 2, holds 4 qts, 50c each.

POULTRY CAPONIZERS

Set of instruments, complete, with instructions, $2.50. In velvet-lined case, $2.75. We send book "Complete Guide for Caponizing," with every set.

Philadelphia Gape Worm Extractor—Price complete, 30c.

Roup Syringe—This is one of the best cures for Roup and similar diseases to which poultry are so liable. Postpaid, with instructions, 15c each.

French Poultry Killing Knife—Sent postpaid on receipt of 50c. Sent securely packed by mail, on receipt of price.

Philadelphia Poultry Marker—They are well made with steel spring and cutter, nicely nickel plated. Made in two sizes. Sent postpaid on receipt of price. 30c each.

Leg Bands—*A* for pigeons, *B* For small fowl. *C* Medium fowl. *D* Large fowl. *E* Extra large fowl. Stamped with number. Price—Copper, 1 doz. 20c; 50, 65c; 100, $1.25. Aluminum, 1 doz. 25c; 50, 85c; 100, $1.50.

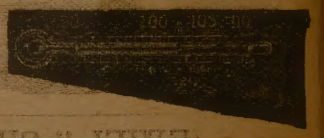
X-Ray Egg Tester—The best on the market, 35c; postpaid, 45c.

X-Ray Egg Tester — Leg Band — Poultry Marker

"Profitable Poultry Keeping in all its Branches," also complete Catalogue of The Cyphers Incubator Co. (224 pages) mailed for 10c.

POULTRY THERMOMETERS

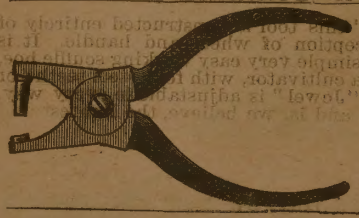
Tested Standard Incubator Thermometer—Mounted on metal, graduated base, and distinctly marked high and low. Price, postpaid 75c.



Cypher's Brooder Thermometers—Each 50c.

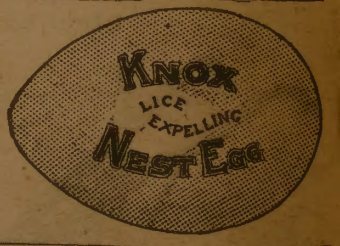
Cypher's Brooder Thermometers—Mounted on wooden holder, for use in Cypher's Incubators. Each 60c.

CYPHER'S PERFECT POULTRY MARKER



This punch makes a good, clear, clean cut, and does not mutilate the web, as do many cheaper punches. We guarantee them to meet all requirements.
Price, each, postpaid, 60c.

KNOX Louse Killer and Nest Egg combined in one. They are effective, they are lasting, they are not expensive, they are just the thing for laying hens. Price 10c each, $1 per doz; if by mail add 5c each for postage.



NEST EGGS—China, 20c doz; porcelain, unglazed, these are the best, 30c doz. If wanted by mail add 30c per doz for postage.

POULTRY BOOKS

Egg Farm, new, revised and enlarged. H. H. Stoddard	$1 00
Poultry Architecture. G. B. Fisk	50
Poultry Keeper, Practical, L. Wright	2 00
Pigeon Keeper, Practical, L. Wright	1 50
Poultry Craft J. H. Robinson	2 00
Poultry Culture. I. K. Feltch	1 50
Poultry Keeper' Profitable. Beal and Weld	1 25
Turkeys, How to Grow Them. Herbert Myrick	1 00

SHEPPARD'S ACME GALL CURE

With this ointment the afflicted parts can be healed without the loss of a single day's time. 3 oz box 25c, postpaid; 8 oz box 50c, postpaid.

HOW TO MAKE HENS LAY

Keep your chickens strong and healthy. Prevent all diseases—Cholera, Roup, Leg Weakness, etc., use **EGG-O**, a poultry regulator and egg producer.

Best food for all varieties of poultry, laying fowls, chicks, ducks and geese. Will make your hens lay, will make your chicks grow fast, will keep your fowls healthy.

Therefore, no matter what feed you use, mix with it daily our EGG-O POULTRY TONIC. It assures perfect assimilation of the food elements needed to produce health and form eggs.

Price—28 oz package, 25c.; postpaid 50c.

ANTI-LOUSE

A Disinfectant Insect Powder

Guaranteed to kill every species of parasite that preys on poultry and live stock. It is an effective Remedy for Ticks on Sheep, Roaches, Ants, Bedbugs and all insects on House Plants or Fruit Trees. For dog or cat a small quantity rubbed into the fur will kill all lice or fleas that may be present. Price—One pound box 25c.; postpaid 40c.

DR. HESS POULTRY PAN-A-CE-A

For Chickens, Turkeys, Ducks, Geese and Pigeons.

Price—For 24-oz package.....35c, by mail 60c.
" 5 lb. " .....85c, express only.

INSTANT LOUSE-KILLER KILLS LICE

For Lice on Poultry, Horses and Cattle, also Ticks on Sheep.

Price—1-lb package 35c, by mail 50c.

PRATT'S POULTRY FOOD

Absolutely pure and free from poisons and all other injurious ingredients.

Package containing 8 oz 10c, postpaid 18c.

26 oz 30c, or 50c postpaid.

5-lb package 75c by express.

25-lb bag $2.50 by express.

RUST'S EGG PRODUCER

Makes Hens Lay When Eggs are High Priced

Price—1 lb package 25c, by mail 40c; 2½ lb package 50c, by mail 90c, 6 lb box $1.00, 10 lb box $1.50, at purchaser's expense.

Haven's Condition Powders—Cure for Gapes and Poultry Cholera, and medicine for Horses, Cattle, Poultry, Sheep and Hogs. Liberal packages, weighing 14 oz 25c, postpaid 40c; 5 lb box (equal to 6 25c packages) $1.00, by express or freight.

Haven's Roup Pills—Price per box of 48 pills, postpaid 25c. Box of 250 pills $1.00.

SPRATT'S PATENT POULTRY MEAL

The Cheapest and Best in the Market

As an egg producer this food has no equal. It carries the bird from egg to exhibition pen without a check and has probably more prize winners to its credit than all other foods combined.

Per 10 lb 75c, 25 lb $1.75, 50 lb $3.25, 100 lb $6.00.

SHERIDAN'S CONDITION POWDER

It is absolutely pure and highly concentrated. Strictly a medicine it should be given in the food in small doses once daily. Prevents and cures all diseases of hens. Very valuable when they are moulting, as it keeps them perfectly healthy.

Price—Small pkt 25c, postpaid 35c; 2-lb pkg $1.00, postpaid $1.35.

LEE'S LIQUID LICE KILLER

For Poultry and Hogs

Saves labor, saves expense, saves time, and saves the fowls and hogs. Where freedom from vermin means hours spent in dusting, dipping or greasing, fowls and animals on the average farm and poultry ranch are seldom free from lice and mites. Put up in tins with full directions for use. Per qt tin 35c, postpaid 70c; ½ gal 65c, 1 gal $1.00, 5 gal $4.50.

CONKEY'S ROUP CURE

Guaranteed to give best results, for Roup or Canker, a good preventative and positive cure. Price 5-oz box 50c, postpaid 55c; large size $1.00, postpaid $1.10.

BOWKER'S ANIMAL MEAL

An egg producer. 5 lb pkgs 25c, 25 lb bag for $1.15, 50 lb bag for $2.15 100 lb bag for $4.00.

BLOOD MEAL

An egg producer. 5 lbs 25c, 25 lbs $1.00, 100 lbs $3.75.

HERBAGEUM

POULTRY SPICE—Is unsurpassed in general excellence, cheapness and efficiency for egg production in summer or winter. For the raising of turkey and all other chicks, and for the fattening of poultry. 2 lb pkg 25c.

CRUSHED OYSTER SHELLS

A most important article for the poultry yard through the winter, and should be liberally supplied to the fowls. In summer when left to run at large, they can find their own shell-making material, but in winter they must be helped out if eggs are wanted. Supplied in three grades, fine medium and coarse. 5 lbs 10c, 20 lbs 25c, 100 lbs 75c.

GRANULATED POULTRY BONE

5 lbs 15c, 10 lbs 25c, 100 lbs $2.00, 200 bags $3.75.

MICA CRYSTAL GRIT

To aid digestion it is necessary to feed some gritty material. Mica Crystal grit supplies this want better than any other article ever known. Supplied in three grades, fine, medium and coarse. 5 lbs 10c, 10 lbs 15c, 20 lbs 25c, 100 lbs 75c.

CLOVER MEAL

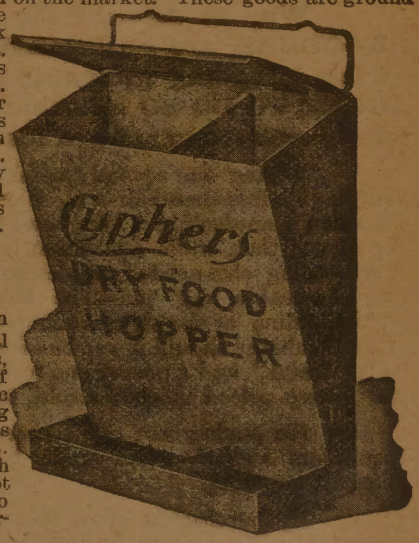
There is no waste and every part is rendered digestible. 5 lbs 20c, 10 lbs 30c, 25 lbs 60c, 50 lbs $1.00, 100 lbs $2.00.

CUT CLOVER HAY

A rich valuable food. 5 lbs 20c, 10 lbs 30c, 25 lbs 60c, 50 lbs $1.00, 100 lbs $2.00.

HIGH PROTEIN BEEF SCRAPS

We have no hesitancy in recommending **High Protein Beef Scraps** as the best of their kind on the market. These goods are ground especially for our trade. We guarantee their purity. No pork or fat is used to add weight. The ordinary commercial scraps contain but 35 to 45 per cent. protein and from 20 to 30 per cent. fat, while these scraps show 50 to 65 per cent. protein and only 10 to 15 per cent. fat. Fat has no value as a poultry food, protein being the essential feature. Price 10 lbs 50c, 25 lbs $1.00, 50 lbs $1.75, 100 lbs $3.25.



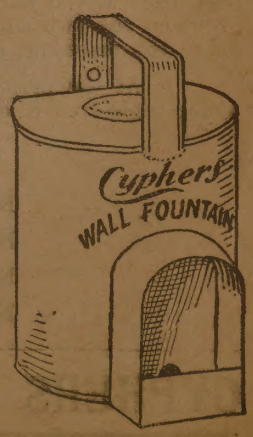
CYPHERS SANITARY SELF-FEEDING BOXES

Made of Heavy Galvanized Iron

These boxes work a material saving in grit, oyster shells, ground bone, charcoal, beef scraps, etc. They are automatic feeders, the material working down into the seed spaces as fast as the fowls consume it. The front side is sloped in such a manner that the fowls cannot get into the feed spaces to scratch, thus wasting the materials. Each 60c, per doz $7.00.

CYPHERS WALL FOUNTAINS

These fountains are something new and extra serviceable in the way of poultry fountains. One side of the back is flattened so that it can be hung on the wall of a building, or against an upright post or board at any height. A galvanized-iron hood projects over the water trough and protects the water from becoming soiled by freezing, and are readily cleaned by filling with round pebbles or shot and shaking thoroughly. Each 60c, doz $7.00.



COLLECTION OF POULTRY SUPPLIES FOR $1.25

TO FILL THE EGG BASKET

5 lbs. Crushed Oyster Shells	$0 10
5 lbs. Mica Crystal Grit	10
3 lbs. Spratt's Food for Poultry	25
3 lbs. Granulated Bone	15
3 lbs. Clover Meal	10
3 China Nest Eggs	10
1 lb. package Anti-Louse	25
1 28 oz. package Egg-o	25
Total	$1 30

The Cyphers

NON-MOISTURE INCUBATORS AND APARTMENT BROODERS

INCUBATORS

"By Their Fruits Ye Shall Know Them."

The celebrated **Cyphers Non-Moisture Incubators,** of which we are authorized agents, are **guaranteed** by the manufacturers as follows :—

FIRST—To require no supplied moisture, thus disposing of the "moisture question."

SECOND—To be self-ventilating, the air in the egg-chamber remaining sweet and pure.

THIRD—To be self-regulating, being equipped with the most sensitive, accurate, and durable regulator thus far invented.

FOURTH—To operate with less oil and at less expense than any other make of Incubator and to be as free from offensive odors as any ordinary house lamp.

FIFTH—To be **in all essentials** the simplest and easiest to operate and control, requiring less labor and less attention than any other style or make of Incubator.

SIXTH—To produce larger, stronger, and healthier chicks and ducklings than any other style or make of Incubator.

SEVENTH—That where it is run in competition with any Incubator of a different make, it shall, in three or more hatches, bring out a larger average percentage of the fertile eggs in good healthy chicks and ducklings than does its competitor.

If you are in search of the most durably built and best practical Incubator, one that will hatch the **largest number** of the **strongest** and **healthiest** chicks or ducklings, we assure you that **the Cyphers is that machine.**

We, as Agents for the CYPHERS INCUBATORS AND BROODERS, are authorized by the manufacturers to stand back of the foregoing guaranty in every particular, AND HEREBY AGREE TO DO SO as their Agents. Under this arrangement all who purchase of us are insured ample protection.

Every Genuine Cyphers Incubator and Brooder bears this Trade Mark

During our several years' experience we have sold hundreds of Incubators, handling no less than half a score of different makes, some of which were of the best Canadian manufacture. We, however, as well as our customers, have found by costly experience that, while a machine may have the appearance of a good hatcher, there is something else needed besides an outside case and a lamp. An Incubator to hatch every hatchable egg must be built on correct principles, involving a thorough understanding of the air currents communicating the heat to the eggs. The first cost of an Incubator should never be considered, for the difference in a good hatch from a **"Cyphers"** and a poorer one from a cheaper Incubator, is considerably more than the difference in price between the highest and lowest priced machines sold, to say nothing about future hatches.

No poultryman can succeed unless he has the best possible Incubator ; and our advice is to buy the best, and to avoid Incubators and Brooders made by manufacturers who make loud-sounding guarantees, but have little experience and no financial standing.

By purchasing from the manufacturers in quantities we are in a position to sell **CYPHERS INCUBATORS** at remarkably low prices ; in fact, we sell the No. 2 and No. 3, which are the two most popular sizes, at the same price f.o.b Toronto, that the manufacturers charge poultry men in the United States, thus making the price to our Canadian patrons, regardless of the duty, exactly the same as the manufacturers charge their patrons in the States. Owing to the smallness of profit on the two small size machines, we are obliged to charge a slight increase over factory prices, but even at the advanced price, the machines are the best values we have been able to find after a thorough search.

At the prices we offer these machines every prudent poultryman will buy a genuine **"Cyphers,"** as manufactured under registered trade mark.

PRICE LIST OF CYPHERS INCUBATORS, F.O.B. TORONTO

No. 0— 60 Hen Eggs or 48 Duck Eggs	**$15 50**
No. 1—120 Hen Eggs or 100 Duck Eggs	**22 50**
No. 2—220 Hen Eggs or 190 Duck Eggs	**29 00**
No. 3—360 Hen Eggs or 290 Duck Eggs	**37 00**

CYPHERS CHICK FOOD—A complete food for young chicks, consisting of eleven different grains and seeds proportioned to meet all the needs of growing chicks and to fully nourish them. 10 lbs **40c,** 25 lbs **90c,** 50 lbs **$1.75,** 100 lbs **$3.00.**

CYPHERS APARTMENT BROODERS

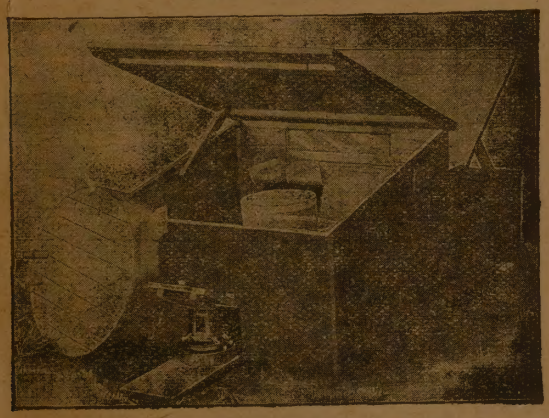
CYPHERS BROODERS, like Cyphers Incubators, are correct in principle, are durably made of suitable materials, are fire-proof, and guaranteed by the manufacturers and by ourselves, as Agents, to be the best Brooder value on the market, regardless of price. They are fit companions for the **CYPHERS NON-MOISTURE, INCUBATORS,** and with reasonable attention will take proper care of the chicks until they are ready to shift for themselves.

Cyphers Three-Apartment Unequaled Outdoor Brooder, Style A. *(Front View)*

Next to its Incubators, the Cyphers Company especially prides itself on its **Three-Apartment (Style A) Outdoor Brooder,** which is pronounced by thousands of users to be **the best Brooding device invented thus far for either outdoor or indoor use.** This Brooder, 36x60 inches in size, has three apartments—one under the hover, which averages 90 degrees in temperature; another outside the hover, which averages 80 to 85 degrees; and a separate run-way or feeding apartment, which averages 70 degrees. It is roofed with tin, is heated by a Cyphers Safety Brooder Stove, and will last many years with reasonable care.

STYLE B INDOOR BROODERS (standard size 36 inches square) are for indoor use exclusively. They consist of **two apartments,** one warmer than the other, and chicks being at liberty to go from one temperature to the other at will.

THE CYPHERS SECTIONAL BROODERS are built in three sizes, including the two-section, three-section, and four-section. Each section is suitable for 100 chicks when first hatched, but this number should be reduced to 75, and later to 60, as the chicks double and treble in size. Sectional Brooders are only adapted for indoor use when the temperature is at least 60 degrees.



Three-Apartment Cyphers Unequaled Outdoor Brooder, Style A *(Rear View)*

We are pleased to announce a considerable reduction in the prices heretofore charged for the Cyphers popular Style A (*Outdoor*), Style B (*Indoor*), and Sectional Brooders, as follows:—

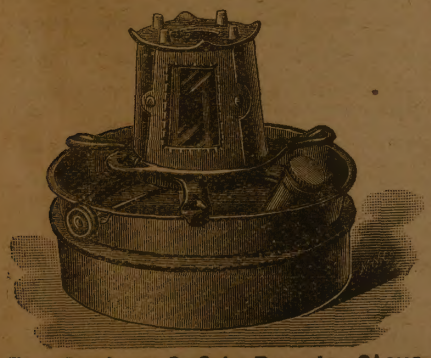
Style A, Outdoor Brooders	**$14 00**
" B, Indoor Brooders	**12 50**
Two-Section Sectional Brooder	**22 50**
Three-Section " "	**28 75**
Four-Section " "	**35 00**

SPECIAL ADVANTAGES IN BUYING CYPHERS INCUBATORS AND BROODERS FROM US: First—We sell at prices much lower than you would have to pay if you imported them direct and paid freight and duty. Second—We save you valuable time by carrying a line of **Cyphers Incubator and Brooders** in stock, thus insuring you quick delivery. Third—You can see and examine samples constantly on display at our place of business, and thus know just what you are buying before placing your order. Fourth—We place our guaranty as agent back of that of the manufacturers, for fair treatment and prompt service in all particulars. Fifth—The value of a guaranty depends on what there is back of it. We solicit a comparison of our guaranty with any guaranty offered by any other agent or manufacturer. All told it is plainly to your advantage to place your order with us.

CATALOGUES AND CIRCULARS

Complete Catalogue and Poultryman's Guide for 1904, entitled "Poultry Keeping for Profit," consisting of 196 pages, 8x11 inches in size, profusely illustrated, showing hundreds of photographic views of the world's largest poultry plants, including photographic views and testimonials from our own Department of Agriculture, Department of Dairying, Central Experimental Farm, Ottawa, and Ontario Agricultural College, Guelph, Ont., will be sent postpaid by us on receipt of ten cents (stamps or silver) to cover cost of mailing. **The Book itself is Free.**

Sixteen-page Circulars, fully describing Cyphers Incubators and Brooders, free on request.



The Cyphers Safety Brooder Stove

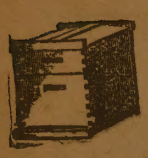
THE CYPHERS SAFETY BROODER STOVES

These Stoves positively have no equal. No other Brooder Stove on the market has as large a water pan or holds as much oil. The safety water pan or the Cyphers Safety Brooder holds nearly a quart of water and extends out over the entire surface of the oil bowl, thus placing a sheet of cold water an inch to an inch and a half in thickness between the oil bowl and the flame jets. By this arrangement all danger of the generation of the explosive gases, arising from the top of the lamp, or the burner becoming heated, is removed, and we have a Brooder Stove that can be relied on. The Cyphers Brooder Stove furnishes twice the heat of an ordinary Brooder Lamp, and lamps are far from being safe. Cheap lamps are equipped with cheap burners, which will gum up, smoke, and thus endanger the chicks. In constructing a home-made brooder of any pattern make sure that the fumes and gases arising from the lamp or stove cannot possibly enter the brooding chamber. (Note description of the Cyphers Brooders for statement of the importance of this point.) **Price, each $1.50.**

No. 1

BEE-KEEPER'S SUPPLIES

Have You Beeswax? We Buy it. Let us know your price. Cash or supplies.



No. 1 B

No. 2 B

No. 3 C

DOVETAILED LANGSTROTH HIVES

No. 1—Hive including cover and bottom, body with 8 self-spacing frames and followers, complete, made up and painted, each $1 70
Lots of 5 in flat 5 70
" 10 " 10 70

No. 1 "B"—Hive, same as the above with the addition of one super for comb honey, with section holders and separators made up and painted, each 2 30
Lots of 5 in flat 7 80
" 10 " 14 45

No. 2 "B" same as No. 1 "B" with the addition of one extra comb honey super, with section holders and separators, made up and painted, each 2 90
Lots of 5 in flat 9 45
" 10 " 18 20

No. 3 "C"—Hive same as No. 1, with the addition of one deep super and eight self-spacing "Huffman" frames for extracted honey and two div. boards or followers, made up and painted, each 2 65
Lots of 5 in flat 8 65
" 10 " 17 00

HIVE PARTS

Hive Covers—Felt, with wood lining, made up, 35c; in lots of five in the flat, $1.35.

Hive Bottoms—Each, made up, 30c; in lots of 5 in the flat, $1.00.

Comb Honey Supers for dovetail hive, made up complete, 55c; in the flat, single, 50c, in the flat in lots of 5, $2.10.

Section Holders for comb honey supers—Slotted, $1.70 per 100; plain, $1.50 per 100.

Wood Separators—Slotted, $1.00 per 100; plain, 70c per 100.

Self-Spacing Brood Frames, made up and wired, $4.25 per 100; in the flat, in lots of 10, at 30c; in the flat, in lots of 100 at $2.50.

Hive Bodies or Extracting Supers for dovetail hives with frames or followers, each, made up, 85c; in the flat, 70c; in the flat, in lots of 5, $3.35.

SECTIONS FOR COMB HONEY

We handle only first-class, polished on both sides slotted on top and bottom. One piece or four pieces, state which you desire.

Size 4¼x4¼x1⅛. 1⅝ 7 to foot. State size required, otherwise 100 250 500 1,000 3,000
1⅝ will be sent 65c $1.25 $2.25 $4.50 $12.75
Split top sections. 10c per 100, or 50c per 1,000 extra.

FEEDERS.

The Miller—Designed to place inside of a super or in the upper storey on top of the brood frames, Each 35c, per 10 $3.00, made up.

Simplicity Feeder—6c each; 50c per 10.

Bee Veils—White net with black brussels face, 30c each.

COMB HONEY CRATES

They are glassed on one side only.

		25	100
4¼x4¼, in flat ..... per	10		
No. 12 three section fronts ..	$1 20	$2 75	$10 50
" 18 " " "	1 40	3 25	12 00

Glass included

"THE KRETCHINER" SECTION FOLDER

Just the thing to put one piece sections together. Each 50c.

"THE PORTER BEE ESCAPE

Put in a board, which is placed between the body of hive and super you wish to clear of bees. The bees can pass to the brood chamber, but not return. Each 15c; per 10, $1.40. With board, 35c each; per 10, $3.20.

BEE SMOKER

We offer the 'Goold,' one of the best smokers made, large and powerful, equal to any work. No. 1, 4-inch barrel, with bent nozzle, price $1.25. No. 2, 3½ barrel, without bent nozzle, $1.00. No. 3, "The Little Daisy," 2½ inch barrel, 75c. Clark's Cold Blast, 60c.

COLONIES OF BEES

We are in position to supply first-class colonies of pure Italian or part Italian bees, in season, in eight frame Langstroth hives. The greatest care is taken to insure the safe delivery of all colonies of bees, but customers will please note that after they leave the apiary they are entirely at purchaser's risk. Write for prices.

QUEEN BEES

Grade and quantity.	May	June	July	Aug.	Sept.
	$	$	$	$	$
Untested Queens	1 25	1 00	1 00	1 00	1 00
Tested Queens	1 50	1 25	1 25	1 25	1 25
Select Tested Queens	2 50	2 00	2 00	2 00	2 00

COMB FOUNDATION

We sell the Weed patent process foundations, exclusively. The wax is tem as in nature, making it more acceptable to than the old process, and of even thickn Light brood foundation, 8 sheets to the po per lb 60c. Thin section foundation, 65c pe (Prices liable to change without notice. wanted by mail, add 20c per lb for postage.

QUEEN AND DRONE TRAPS

The Alley—It is placed over the entranc the hive, the Queen being captured, and preventing a swarm from absconding. E 50c, 10 for $4.00.

QUEEN'S CAGES

Queen Cell Protectors, each 5c; 10 for 4 100 for $3.50. Queen's Cages with feed each 10c; 10 for 70c; 100, $6.00.

PERFORATED METAL

This is used between the upper and lo storey to prevent the Queen from passing Also used for drone guards and Queen tr Per square foot, 12c; per sheet (24 ft) $2. per 100 square feet, $9.00.

EXTRACTORS

Our extractors are made of the very material, steel frames. Give size of fram ordering.

No. 1—Two frame Langstroth mach $5.50.

New Goold—Can be made to fit any frame, sometimes two sizes, but the size m be given when ordering—Two Langstr frames, $7.00; four, $8.00.

Goold Reversible—Two frame Langstro $13.00; four frames, $15.00.

With floor attachments and handles 50c ex Other sizes, prices on application.

HONEY KNIVES

Ebony handle and fine mirror finish. E $1.00.

RUBBER GLOVES

For handling bees. Ladies' half-long, size 7, 8 and 9, per pair $1.65. Gentlemen' l long, sizes 10, 11 and 12, per pair, $1.85. ordering by number remember that if you w No. 5 in kid you will need No. 7 in rubber.

BEE BOOKS

Langstroth on the Honey Bee—Pr $1.25.

A.B.C. of Bee Culture—Price $1.25.

Canadian Bee Journal—$1.00 per ann

Cook's Manual—$1.25.

SPRATT'S PATENT LIMITED

WE ARE AGENTS FOR ALL SPRATT'S MANUFACTURES AND SUPPLIES

Carriage paid by Customers except where noted. **Spratt's Descriptive Catalogue mailed free on application.**

SPRATT'S DOG CAKES

Patent Meat "Fibrine" Vegetable Dog Cakes (with Beetroot)—Per 100 lbs $7, 50 lbs $3.50, 25 lbs $1.75, 10 lbs 75c, 5 lbs 40c, 3 lbs 25c.

Patent Charcoal Dog Cakes—3 lbs 25c, 10 lbs 75c.

Patent Greyhound Meat "Fibrine" Dog Cakes (with Beetroot)—Per 25 lbs $1.90, 3 lbs 25c.

Patent Cod Liver Oil Dog Cakes—3 lbs 35c, 5 lbs 55c, 25 lb box $2.

Terrier Biscuits—3 lbs 25c, 25 lbs $1.95.

Oatmeal Plain Round Dog Cakes—Per 100 lbs $6, 3 lbs 25c.

Plain Round Dog Cakes—3 lbs 25c, 100 lbs $5.

Puppy Biscuits—3 lbs 30c, 5 lbs 50c, 25 lbs $1.90.

Pet Dog Biscuits—3 lbs 35c, 5 lbs 55c, 25 lbs $2.

"Toy Pet" Dog Biscuit—Cartons 25c.

Cat Food—Per Carton 25c, 10 lb bag $1, 25 lb bag $2.25.

Orphan Puppy Food—Per tin 3 lbs $1, 1 lb 50c.

Pepsinated Puppy Meal—Sample tin 25c, 1 lbs 50c, 25 lbs $2.75.

Plain Puppy Meal—5 lb bag 50c.

Puppy Bone Meal—Per tin 2 lbs 25c.

Cardiac—A tonic powder. Sample 10c, per lb 25c.

Patent Poultry Food—Per 100 lbs $6, 50 lbs $3.25, 25 lbs $1.75, 10 lbs 75c.

Patent Game Food—Per 100 lbs $6, 50 lbs $3.25, 25 lbs $1.75, 10 lbs 75c.

Ground Beef XXX—Per 100 lbs $3, 50 lbs $1.60, 25 lbs 85c, 10 lbs 40c.

Granulated Prairie Meat, "Crissel"—Per 100 lbs $4.50, 25 lbs $1.25, 10 lbs 65c.

Pigeon Meal—50 lbs $3.25, 25 lbs $1.75, 10 lbs 75c.

Fish Meal—Per 100 lbs $5.00, 50 lbs $2.75.

Imported Dog Brushes, Combs and Chains—Prices on application.

SPRATT'S DOG MEDICINES

All medicines in bottles. Bottles or tins free by mail. Half gallons, carriage extra.

Alterative Cooling Tablets—Price 50c.

Anti-Rickets Tablets—Price 50c.

Cough Pills—Per box 50c.

Diarrhœa and Dysentery Cure—Price 50c.

Distemper Tablets—75c.

Canker of the Ear Cure—Price 50c.

Eczema and Sarcoptic Mange Cure (Oily)—Per bottle 50c, ½ gallon $2.

Eye Lotion Tablets—Price 50c.

Fit Cure Tablets—For Chorea or St. Vitus Dance. Price 50c.

Hair Stimulant and Restorer—Bottle 50c.

Jaundice Tablets—50c.

Locurium—Price 50c.

Mange Cure—Bottle 50c, ½ gallon $2.

Purgative Tablets—Per box 50c.

Rheumatism and Sprain Linimer Per bottle 50c.

Tonic and Condition Tablets—Price

Vermifuge Capsules (worm cure grown dogs)—Price 50c.

Puppy Vermifuge Capsules—Price

Disinfectant—Crude "Sanitas" Disinf ing Liquid. Per bottle 45c, ½ gallon $1.40.

Dog Soap (white)—Per cake 20c.
" antiseptic (black)—50c per tal

SPRATT'S BOOKS

Poultry Culture—By Spratt's Patent,

The Common Sense of Pheasant Re ing—By Spratt's Patent, 10c.

The Common Sense of Dog Doctori—By Spratt's Patent. 25c.

Kennel Secrets — By Ashmont. (Il trated.) $3, postage 35c extra.

Modern Training, Handling and K nel Management—By H. Waters. (Il trated.) $2, postage 20c extra.

House Dogs, Their Care and Tre ment—50c.

The American Book of the Dog—By O. Shields (Coquina). $3.50, postage 40c ext

The Book of the Dog (with portraits)—Vero Shaw, $8.

Pocket Kennel Records—50c each.

Pedigree Blanks—3 for 10c, doz 20c.

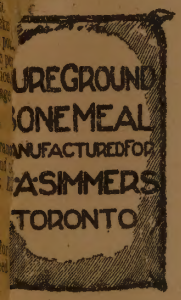
The Cat—By R. S. Huidekoper. A guid classification and a short treatise on their c etc. Cloth $1.

Rackham's Poultry Directory—Price postpaid.

ERTILIZERS

GREGORY ON FERTILIZERS—Where to get Formulas for Various Crops, how to Apply. By J. J. H. Gregory. Paper, price 40c, postpaid.

s on Manure—By Joseph Harris, M.S., s, contains ample information on Manures rtilizers, their use, utility, effectiveness, rice, bound in cloth, $1.50, postpaid.



Potato Manure

Ammonia 3 to 4%; Phosphoric acid 8 to 10%. Potash 5 to 7%.

May be used in the hills or rows, mixing and covering with earth, provided it is scattered well. Use three sacks and upwards per acre on ordinary land. Price, per lb 10c, 10 lbs 50c, 100 lbs $2.25, 200 lbs $4.00, per ton $34.50.

"Sure Growth"

Grain, Grass, Grapes, Vegetables, etc.

mmonia 3½ to 5%. Phosphoric Acid 8 to 10 %. Potash 3 to 4%.

is adapted to all soils, and not only yields imiate results, but is also lasting in its effects. ives the growing crop a vigorous start, and greatly increase the yield. Price, per lb 10c, s 50c, 100 lbs $2.25, 200 lb sack $4.00, per ton 50.

Bone and Potash

mmonia, 2 to 3%; phosphoric acid, 9 to 10%; ash, 6 to 8 %. Those who think they had rather e bone ought also to have it combined with ash, since potash is fully as essential as bone. ce, per lb 10c, 10 lbs 50c, 100 lbs $2.25, 200 lbs 00, per ton $34.50.

Pure Bone Meal

mmonia, 3 to 5%; Phosphoric acid, 23 to 25%. guarantee our ground bone to be a strictly uine article. It is made from clean, dry bones. recommend it chiefly for grass and land feed purposes. Per lb 10c, 5 lbs 30c, 10 lbs 50c, 25 75c, 100 lbs $2.00, 200 lbs $3.75, per ton $32.50.

Granulated Bone for Grapes

er 10 lbs 35c, 100 lbs $2.00, 200 lbs $3.75.

Bone Flour

er lb 10c, 10 lbs 50c, 50 lbs $2.00, 100 lbs $3.50.

Harris' "Animal Manure" (H)

100 lbs $1.50, ton $27.50.

Harris' "Pure Bone Meal"

100 lbs $1.50, ton $27.50.

Celery and Early Vegetable Manure

Ammonia, 6 to 8%; Phosphoric Acid, 9 to 10%; Potash, 6 to 8%. Produces remarkable results, by dissolving a teaspoonful to a gallon of water, applying it twice a week (keep well stirred while applying). It can also be used on celery by mixing ½ to ¾ gypsum. Lb 10c, 10 lbs 50c, 100 lbs $2.75, 200 lbs $5.00, per ton $40.50.

Farmers' Grass and Grain Manure

Ammonia 2 to 3%; Phosphoric Acid, 9 to 11%; Potash, 1 to 2%. This brand will be found to be an excellent fertilizer for pasture lands and top dressing, also for young orchards, small fruit. Lb 10c, 10 lb 50c, 100 lbs $1.50, 200 lb sack $2.75, per ton $25.00.

Alberts' Concentrated Horticultural Manure

Is soluble in water, and contains the correct proportions necessary to produce the very best results in growing flowers. Lb 15c, 10 lbs $1.25, 100 lbs $9.00.

Nitrate of Soda

This is valuable solely for the nitrogen it contains, equal to 20 per cent. of Ammonia. It is chiefly a stimulant; it is used in addition to other fertilizers. It is very quick in action and hastens the maturity of crops fully two weeks, and besides renders the mineral plant food of the soil more assimilable. It is the best of all substitutes for stable manures. 100 to 150 lbs per acre, mixed with wood ashes or land plaster for convenience in applying, are generally used. Price, per lb 10c, 5 lbs 30c, 10 lbs 50c, 25 lbs $1.00, 50 lbs $1.75, 100 lbs $3.25.

Alberts' Thomas Phosphate Powder

The most profitable of all artificial manures for green crops, grain or grass. Most valuable for orchards. Price per 100 lbs $1.20, per ton $20.00.

Guano, Standardized

A standard fertilizer throughout the entire country, and in almost universal use. A weak solution, applied once or twice a week, is very beneficial for house plants. Price, lb 10c; 100 lbs $4.50.

Land Plaster or Gypsum

Per sack (200 lbs) $1.00.

Land Salt

Per sack (200 lbs) $1.00.

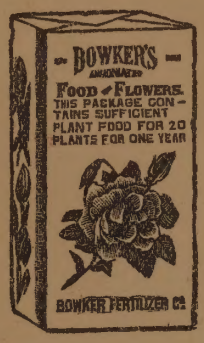
Tobacco Manure

Lb 10c, 10 lbs 50c, 50 lbs $1.50, 100 lbs $2.50, 200 lbs $4.50, ton, $41.00.

Simmers' Lawn Enricher, for Lawns and Flower Beds

It is manufactured to meet the demand for a lawn dressing, all prepared, ready for immediate use, requiring no further mixing. It is in no sense a stimulant, but a complete manure, containing all the plant food required to make grass grow, and in a form quickly and easily taken up. It may be applied at any time during the spring, summer or autumn, or as often as the grass seems to need nourishment. 10 lbs is sufficient for 300 sq. feet. 5 lb pkg 50c, 10 lb pkg 75c. 25 lb pkg $1.25, 50 lbs $2.00; 100 lbs $3.50.

Bowker's Food For Flowers



Soluble in Water, Free from Odor and Clean to Handle.

A fertilizer made expressly for plants grown in the house, garden or conservatory; clean, free from offensive odor, soluble in water, and producing healthy plants, **free from Vermin**, with early and abundant blossoms to which it imparts luxuriant growth and rich brilliant flowers.

Large Package, sufficient for 20 plants for **one year, 35 cents** (postpaid 45c). **Small Package**, sufficient for 20 plants for **three months, 25 cents** (postpaid). Price in bulk, 5 lbs 75c; 10 lbs $1.25, by express.

Prepared Potting Soil

We can highly recommend our Prepared Fertilized Leaf Mould, and are confident you will be pleased with the results. It is put up in 100 and 200 lb sacks, and can be supplied at all seasons of the year. Per 25 lbs 35c, 50 lbs 55c, 100 lbs $1.00.

Simmers' Concentrated Odorless Flower Food

This is one of the very best and most carefully prepared odorless Plant Foods on the market, being entirely soluble. It is very convenient to use in the house and conservatory. This plant food may be used in either dry or liquid form; the latter much the best, as no fertilizer acts until it becomes affected by moisture, and then there is not the danger of giving an overdose. Large pkg 25c, postpaid 45c; small pkg 15c, postpaid, 25c.

DAIRY SUPPLIES

The Little Detective—Will show in less than 2 minutes whether or water has been added to pure milk. Sent to any address, postpaid $1.00.

Parchment Paper—For packing and preserving butter:—1 lb butter, 8 x 11, $1.00 per 1,000 sheets; 100 sheets, 15c. Postage, add 10c per 100 ets extra. 2 lb butter, size 12x18, $2.25 per 1,000 sheets, 100 sheets 25c; tage, 30c 100 sheets extra.

Printing—$1.00 per 1,000 sheets extra, in quantities of not less than 0 sheets.

Price 60c

Thermometers—New Float—Will stand upright. The scale stands out of the milk so that it can be easily read. Each 60c.

Ordinary Float—Price—each 40c.

MILKING TUBES—For Sore and Obstructed Teats and Hard ilking Cows—Coin Silver—PRICES—Set of four tubes, 1¾ inch, $2.00, ch 50c; special lengths, 2¼ inches, each 65c; 2¾ inches, each 80c; 3¼ hes, each 95c; 3¾ inches, each $1.10; 4¼ inches, each $1.25. Larger tubes proportion.

Plated Silver—From 2 to 3½ inches in length—25c each, postpaid.

Butter Mould and Printer—Has all the advantage of the higher iced moulds, and does the work equally as well. 1 lb size, pair 75c.

Improved Daisy Barrel Churn—It is made of the very best quality white oak; has no iron to come in contact with the cream; has no dashes breaks inside, and is the easiest churn to clean ever made. The inside is rfectly smooth.

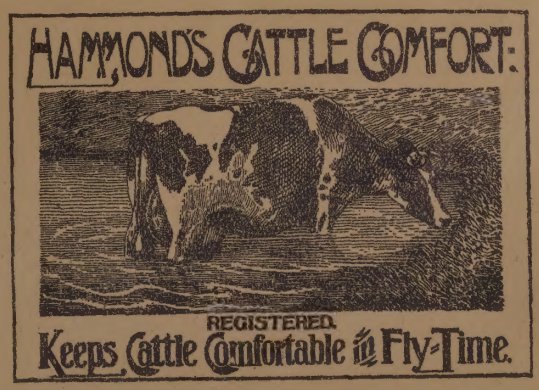
With Steel Frames and Levers

No. 0—Seven Gallon Churn, for one cow.....$4 00
No. 1—Nine Gallon Churn, churns from 1 to 4 gallons..... 4 25
No. 2—Fifteen Gallon Churn, churns from 1 to 7 gallons..... 4 50
No. 3—Twenty Gallon Churn, churns from 1 to 9 gallons 5 00
15c less for wood frames with levers.
15c " " " without levers.

Eureka Weed Killer

A special preparation, which dissolves in water without boiling over. Will destroy all weeds, moss, etc., on gravel walks, carriage drives, stable yards, courts, etc., and keeps them under for the whole season. It brightens gravel paths without staining or imparting any unpleasant odors, or making the paths greasy. It comes in 3-lb tins, contents of which makes sufficient dressing for 100 square yards of path.

Price, $1.00. Sample tins, 50c.



To Protect Cows, Oxen or Horses Against Horn Fly, Gnats, Mosquitoes, Etc.

Price—Quart Tin —60c each.

J. A. SIMMERS

SEED MERCHANTS & GROWERS.
(ESTABLISHED 1856)

147, 149 & 151
KING ST. E.
TORONTO,
ONT.

SPECIAL OFFER

WE MAIL ONE PKT. OF EACH ON THIS COVER FOR 20¢ POST PAID.

J. A. SIMMERS SEEDS TORONTO